

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022422\
 Data File : BM034068.D
 Acq On : 24 Feb 2022 15:34
 Operator : CG/JU
 Sample : PB142897BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB142897BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/25/2022
 Supervised By : mohammad ahmed 02/28/2022

Quant Time: Feb 25 01:10:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 22 17:55:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	189555	20.000	ng	-0.01
21) Naphthalene-d8	10.830	136	760981	20.000	ng	# 0.00
39) Acenaphthene-d10	14.648	164	509521	20.000	ng	0.00
64) Phenanthrene-d10	17.389	188	1004272	20.000	ng	# 0.00
76) Chrysene-d12	21.559	240	838346	20.000	ng	# 0.00
86) Perylene-d12	24.018	264	792579	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	1525746	143.485	ng	0.00
7) Phenol-d6	7.172	99	1844910	132.125	ng	0.00
23) Nitrobenzene-d5	9.178	82	1234420	87.540	ng	0.00
42) 2,4,6-Tribromophenol	16.130	330	966238	156.250	ng	0.00
45) 2-Fluorobiphenyl	13.283	172	3514015	91.885	ng	0.00
79) Terphenyl-d14	20.006	244	4748889	98.640	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.425	88	134261	32.840	ng	86
3) Pyridine	3.831	79	356487	31.038	ng	88
4) n-Nitrosodimethylamine	3.737	42	270838	47.143	ng	# 87
6) Aniline	7.331	93	577674	37.440	ng	94
8) 2-Chlorophenol	7.572	128	592471	49.803	ng	83
9) Benzaldehyde	7.137	77	303748	38.749	ng	86
10) Phenol	7.195	94	666918	48.559	ng	95
11) bis(2-Chloroethyl)ether	7.431	93	477576	43.579	ng	89
12) 1,3-Dichlorobenzene	7.901	146	655788	46.897	ng	# 94
13) 1,4-Dichlorobenzene	8.048	146	669383	46.834	ng	95
14) 1,2-Dichlorobenzene	8.372	146	640919	45.946	ng	95
15) Benzyl Alcohol	8.248	79	506132	47.006	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.548	45	566717	38.893	ng	92
17) 2-Methylphenol	8.454	107	469283	48.510	ng	96
18) Hexachloroethane	9.107	117	234460	47.932	ng	# 85
19) n-Nitroso-di-n-propyla...	8.825	70	398352	44.137	ng	# 94
20) 3+4-Methylphenols	8.784	107	628784	47.073	ng	95
22) Acetophenone	8.836	105	834909	45.422	ng	# 92
24) Nitrobenzene	9.219	77	614991	46.846	ng	# 89
25) Isophorone	9.754	82	1059811	46.561	ng	# 91
26) 2-Nitrophenol	9.936	139	322008	52.059	ng	# 76
27) 2,4-Dimethylphenol	9.995	122	551393	55.176	ng	92
28) bis(2-Chloroethoxy)met...	10.230	93	657199	42.700	ng	97
29) 2,4-Dichlorophenol	10.472	162	633451	51.267	ng	94
30) 1,2,4-Trichlorobenzene	10.689	180	687863	47.421	ng	97
31) Naphthalene	10.878	128	1818062	46.501	ng	99
32) Benzoic acid	10.131	122	372299	49.191	ng	# 85
33) 4-Chloroaniline	10.977	127	179703	11.226	ng	# 89
34) Hexachlorobutadiene	11.177	225	449707	48.794	ng	96
35) Caprolactam	11.760	113	161116m	64.686	ng	
36) 4-Chloro-3-methylphenol	12.101	107	594999	48.905	ng	# 84
37) 2-Methylnaphthalene	12.483	142	1386500	48.608	ng	98
38) 1-Methylnaphthalene	12.701	142	1296026	46.600	ng	99
40) 1,2,4,5-Tetrachloroben...	12.854	216	829929	50.948	ng	98
41) Hexachlorocyclopentadiene	12.842	237	1181633	124.176	ng	97
43) 2,4,6-Trichlorophenol	13.083	196	544899	52.897	ng	98

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Quant Time: Feb 25 01:10:34 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Feb 22 17:55:56 2022

Response via : Initial Calibration

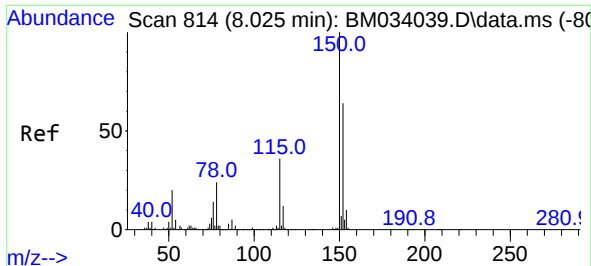
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.154	196	586861	56.080	ng	# 91
46) 1,1'-Biphenyl	13.489	154	1874870	48.161	ng	97
47) 2-Chloronaphthalene	13.530	162	1453909	47.829	ng	95
48) 2-Nitroaniline	13.719	65	363011	50.285	ng	# 78
49) Acenaphthylene	14.371	152	2288164	50.228	ng	99
50) Dimethylphthalate	14.107	163	1795736	47.538	ng	98
51) 2,6-Dinitrotoluene	14.218	165	392059	52.451	ng	# 79
52) Acenaphthene	14.713	154	1637322	54.392	ng	99
53) 3-Nitroaniline	14.542	138	175894	23.526	ng	83
54) 2,4-Dinitrophenol	14.748	184	464630	109.981	ng	# 78
55) Dibenzofuran	15.048	168	2204169	46.877	ng	98
56) 4-Nitrophenol	14.848	139	613591	101.535	ng	# 78
57) 2,4-Dinitrotoluene	15.001	165	530375	54.564	ng	# 75
58) Fluorene	15.695	166	1843570	48.774	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.271	232	510947	49.846	ng	89
60) Diethylphthalate	15.465	149	1779968	47.122	ng	99
61) 4-Chlorophenyl-phenyle...	15.689	204	966555	47.751	ng	94
62) 4-Nitroaniline	15.701	138	367929	47.419	ng	87
63) Azobenzene	15.977	77	1480440	45.118	ng	94
65) 4,6-Dinitro-2-methylph...	15.760	198	285126	48.438	ng	# 71
66) n-Nitrosodiphenylamine	15.901	169	1561817	49.675	ng	99
67) 4-Bromophenyl-phenylether	16.577	248	586156	51.667	ng	94
68) Hexachlorobenzene	16.701	284	671407	51.363	ng	# 89
69) Atrazine	16.848	200	568276	54.640	ng	98
70) Pentachlorophenol	17.036	266	855213	108.297	ng	98
71) Phenanthrene	17.430	178	2721756	48.859	ng	99
72) Anthracene	17.524	178	2749716	50.723	ng	100
73) Carbazole	17.783	167	2337801	45.800	ng	99
74) Di-n-butylphthalate	18.359	149	2766778	47.650	ng	99
75) Fluoranthene	19.442	202	2919750	47.707	ng	96
77) Benzidine	19.612	184	1017997	65.203	ng	100
78) Pyrene	19.800	202	2953253	51.293	ng	99
80) Butylbenzylphthalate	20.695	149	1056529	48.189	ng	89
81) Benzo(a)anthracene	21.542	228	2640812	48.413	ng	98
82) 3,3'-Dichlorobenzidine	21.471	252	628457	34.114	ng	# 99
83) Chrysene	21.600	228	2503497	48.046	ng	99
84) Bis(2-ethylhexyl)phtha...	21.477	149	1540377	45.992	ng	# 99
85) Di-n-octyl phthalate	22.424	149	2372271	44.690	ng	# 90
87) Indeno(1,2,3-cd)pyrene	26.594	276	2876878	51.055	ng	# 95
88) Benzo(b)fluoranthene	23.271	252	2599089	52.328	ng	# 97
89) Benzo(k)fluoranthene	23.318	252	2472838	49.907	ng	# 96
90) Benzo(a)pyrene	23.912	252	2456898	60.196	ng	# 98
91) Dibenzo(a,h)anthracene	26.612	278	2497394	52.699	ng	96
92) Benzo(g,h,i)perylene	27.382	276	2467393	53.746	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

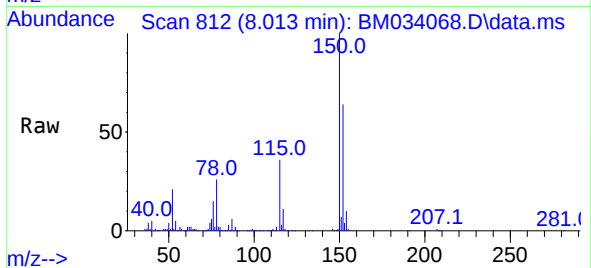
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.013 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

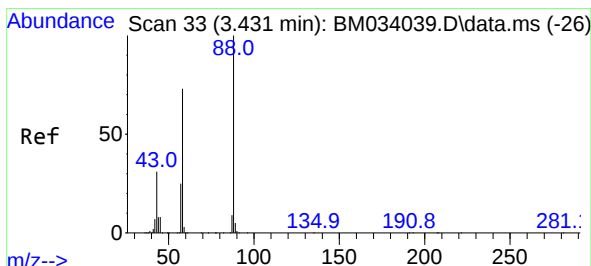
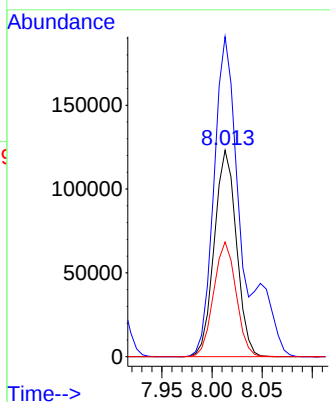
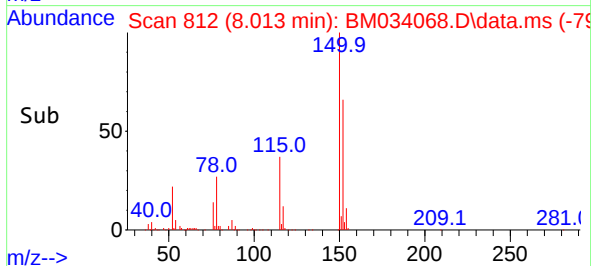
Instrument :
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PB142897BS



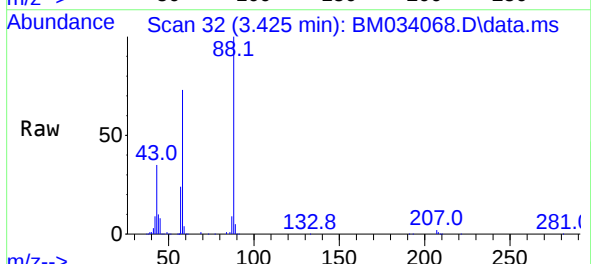
Tgt Ion:152 Resp: 18955
Ion Ratio Lower Upper
152 100
150 155.1 128.9 193.3
115 55.6 53.0 79.6

Manual Integrations
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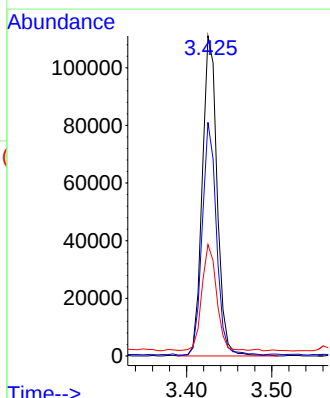
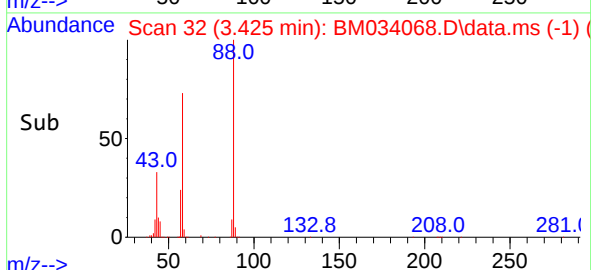
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

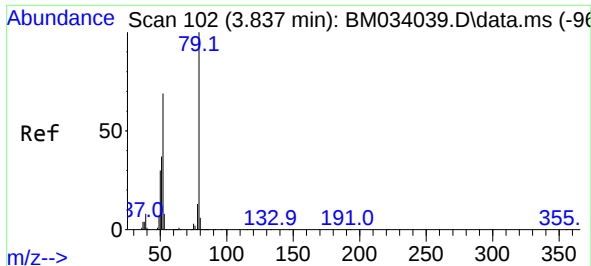


#2
1,4-Dioxane
Concen: 32.840 ng
RT: 3.425 min Scan# 32
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



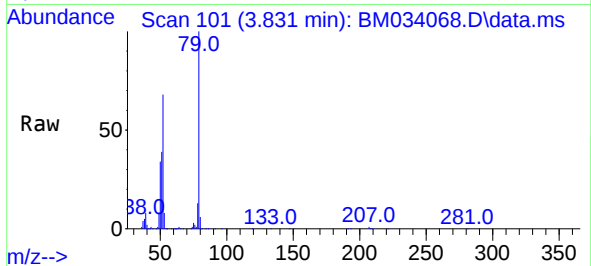
Tgt Ion: 88 Resp: 134261
Ion Ratio Lower Upper
88 100
58 69.8 67.0 100.4
43 32.4 31.6 47.4





#3
Pyridine
Concen: 31.038 ng
RT: 3.831 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

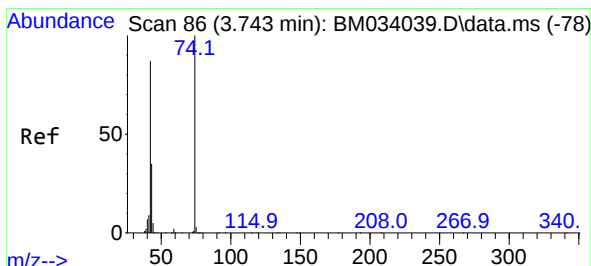
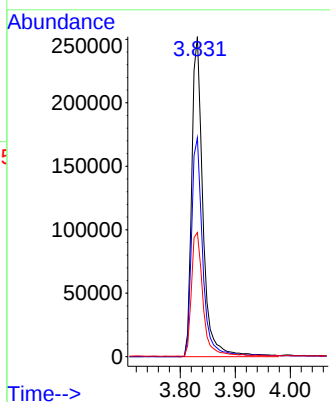
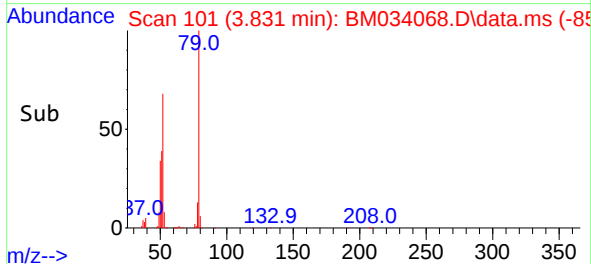
Instrument :
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Tgt Ion: 79 Resp: 35648
Ion Ratio Lower Upper
79 100
52 68.4 65.4 98.2
51 38.8 34.8 52.2

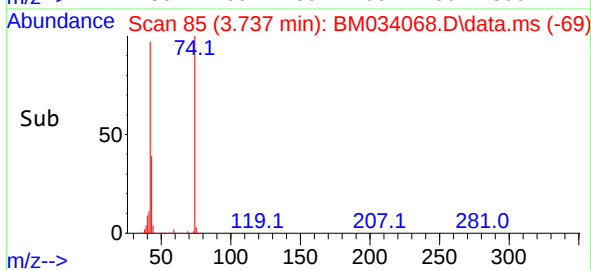
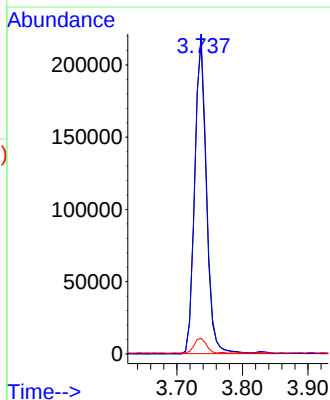
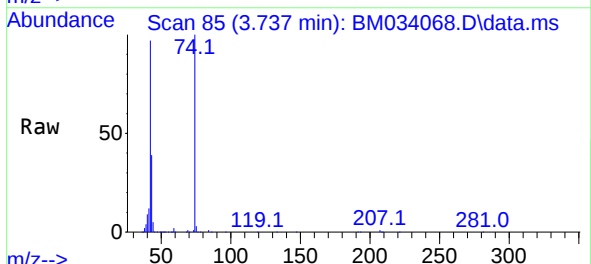
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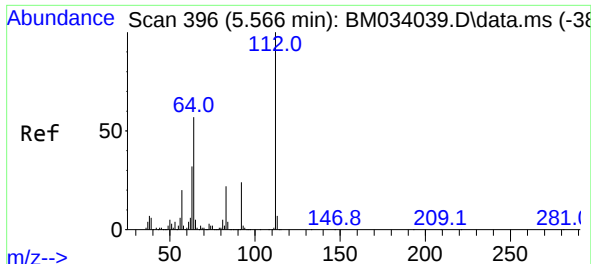
Reviewed By :Christian Giraldo 02/25/2022
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#4
n-Nitrosodimethylamine
Concen: 47.143 ng
RT: 3.737 min Scan# 85
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

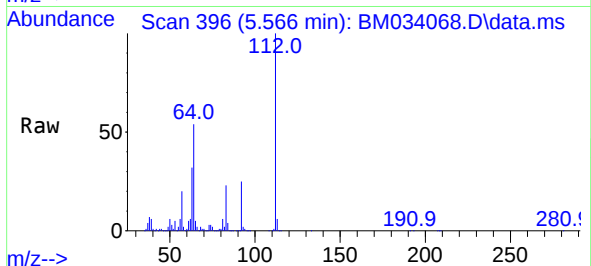
Tgt Ion: 42 Resp: 270838
Ion Ratio Lower Upper
42 100
74 103.0 72.5 108.7
44 5.0 5.4 8.2





#5
2-Fluorophenol
Concen: 143.485 ng
RT: 5.566 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

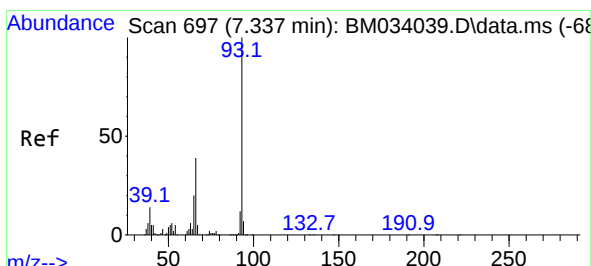
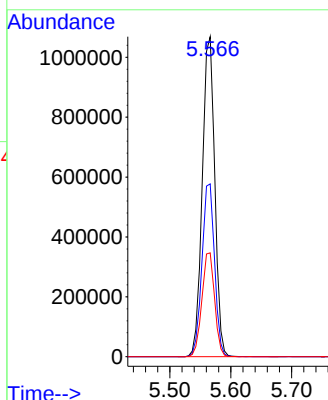
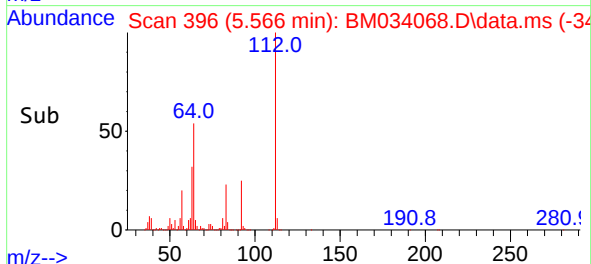
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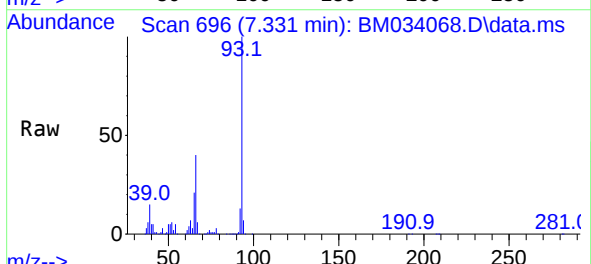
Tgt Ion: 112 Resp: 1525740
Ion Ratio Lower Upper
112 100
64 54.0 55.5 83.3
63 32.4 31.3 46.9

Manual Integrations
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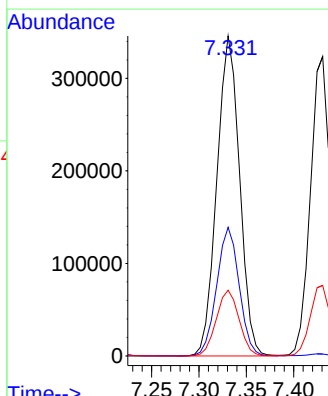
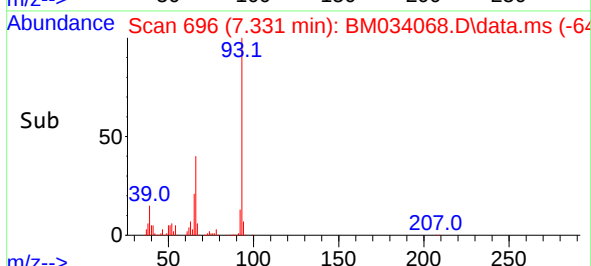
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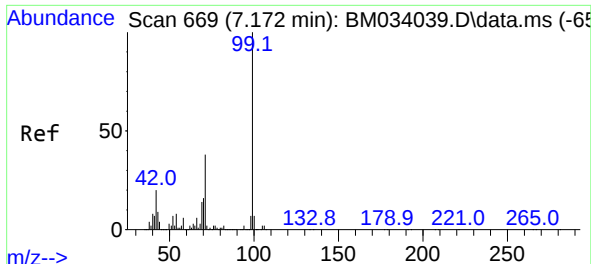


#6
Aniline
Concen: 37.440 ng
RT: 7.331 min Scan# 696
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



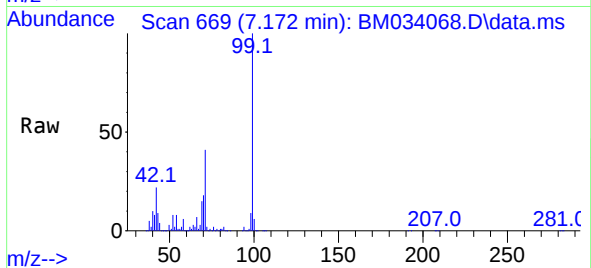
Tgt Ion: 93 Resp: 577674
Ion Ratio Lower Upper
93 100
66 40.2 36.0 54.0
65 20.5 18.2 27.4





#7
Phenol-d6
Concen: 132.125 ng
RT: 7.172 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

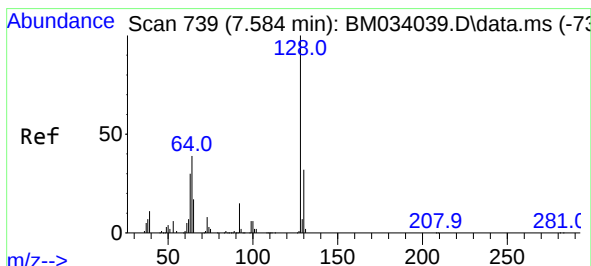
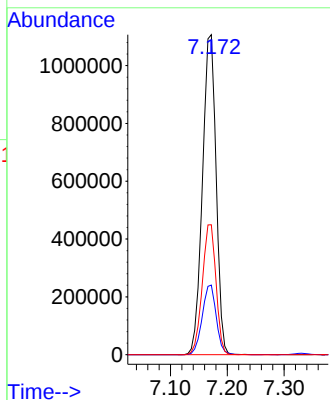
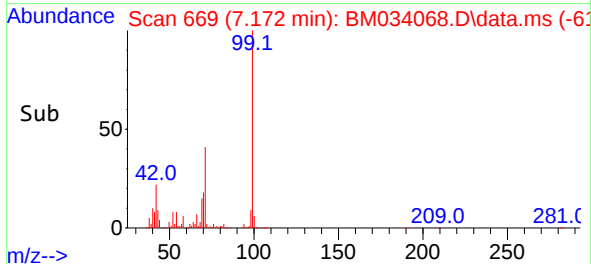
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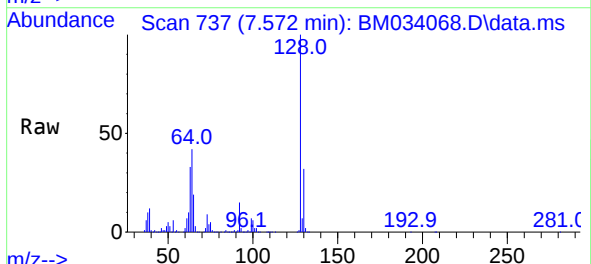
Tgt Ion: 99 Resp: 1844910
Ion Ratio Lower Upper
99 100
42 21.7 20.3 30.5
71 40.6 34.5 51.7

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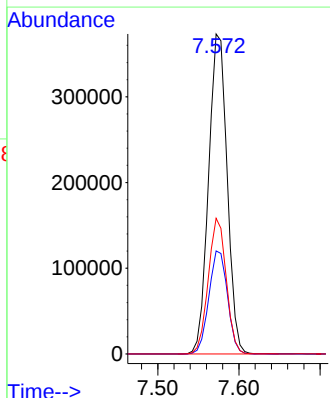
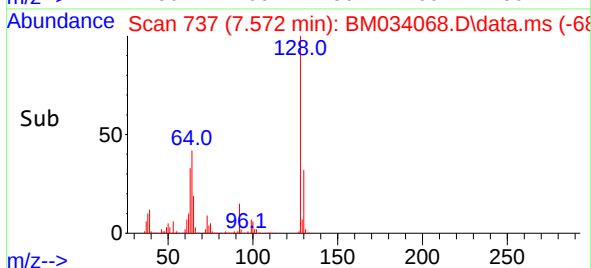
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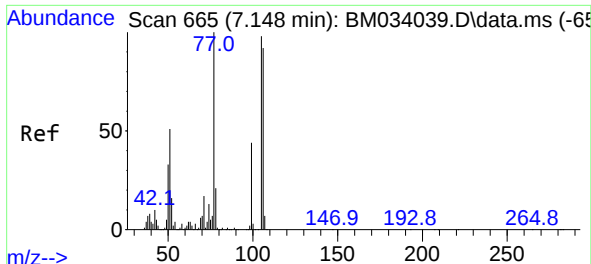


#8
2-Chlorophenol
Concen: 49.803 ng
RT: 7.572 min Scan# 737
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



Tgt Ion:128 Resp: 592471
Ion Ratio Lower Upper
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130 32.2 10.9 50.9
64 42.4 40.6 80.6





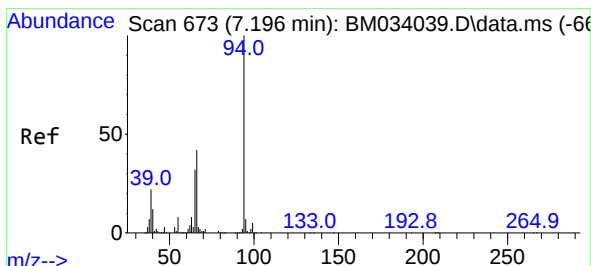
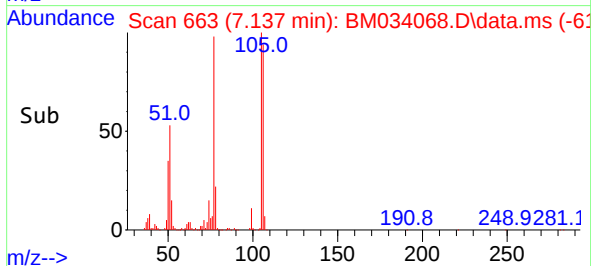
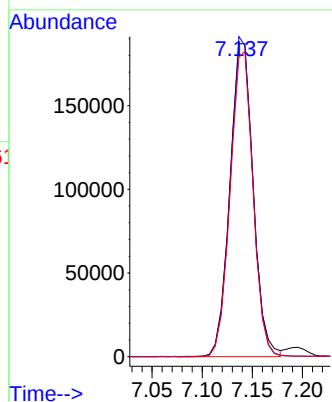
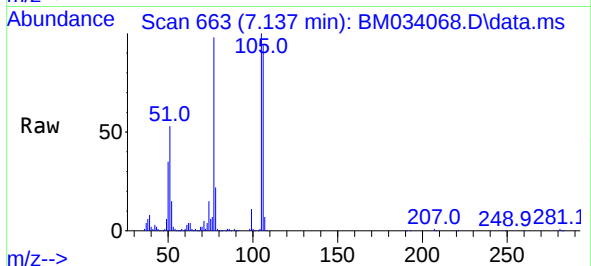
#9
Benzaldehyde
Concen: 38.749 ng
RT: 7.137 min Scan# 665
Delta R.T. -0.012 min
Lab File: BM034068.D
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Instrument :
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Tgt Ion: 77 Resp: 303748
Ion Ratio Lower Upper
77 100
105 102.2 67.1 107.1
106 95.7 64.3 104.3

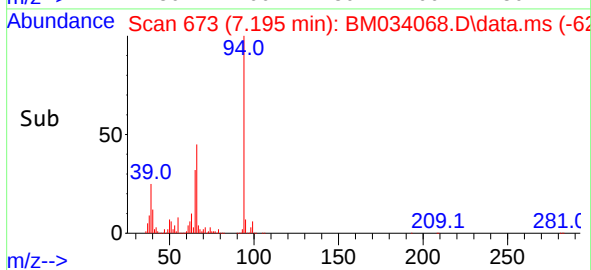
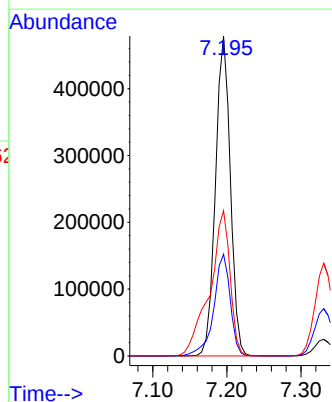
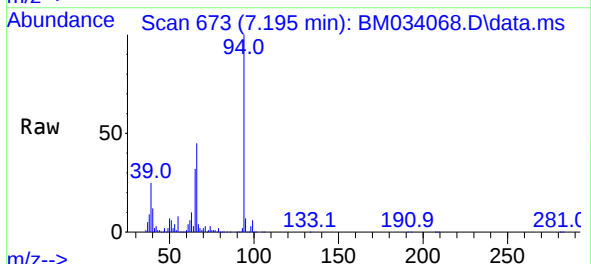
Manual Integrations
APPROVED

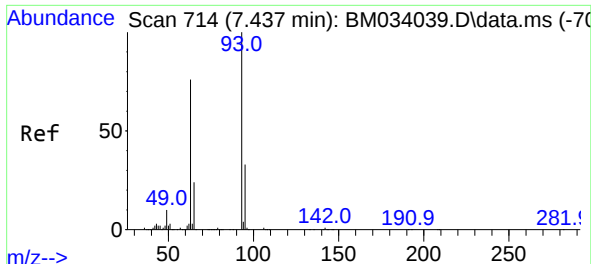
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#10
Phenol
Concen: 48.559 ng
RT: 7.195 min Scan# 673
Delta R.T. -0.000 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

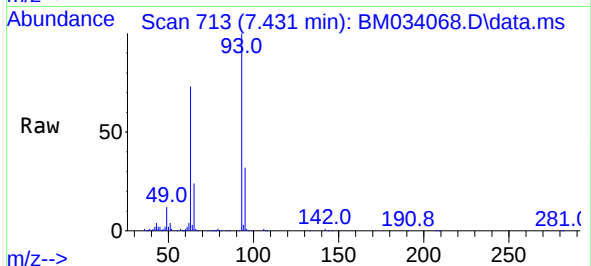
Tgt Ion: 94 Resp: 666918
Ion Ratio Lower Upper
94 100
65 31.8 15.5 55.5
66 45.4 28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 43.579 ng
RT: 7.431 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

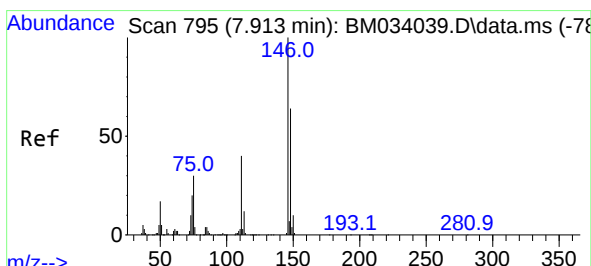
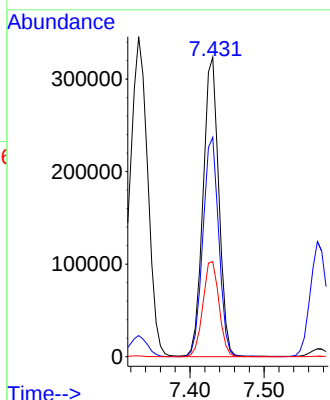
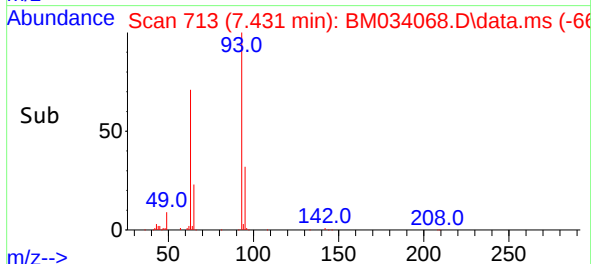
Instrument :
BNA_M
ClientSampleId :
PB142897BS



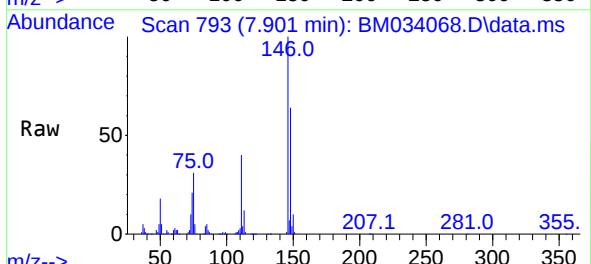
Tgt Ion: 93 Resp: 477570
Ion Ratio Lower Upper
93 100
63 73.2 67.0 107.0
95 31.7 11.6 51.6

Manual Integrations
APPROVED

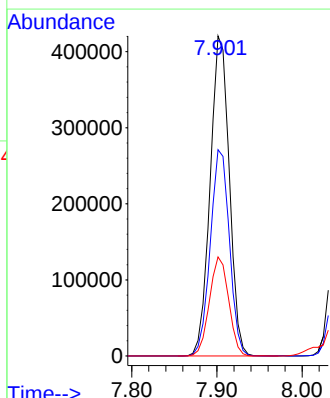
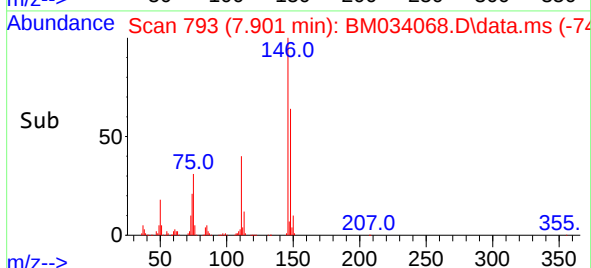
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

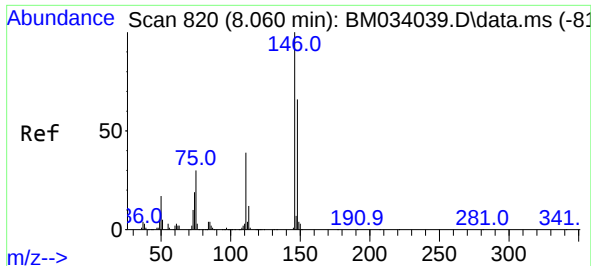


#12
1,3-Dichlorobenzene
Concen: 46.897 ng
RT: 7.901 min Scan# 793
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



Tgt Ion:146 Resp: 655788
Ion Ratio Lower Upper
146 100
148 64.4 52.1 78.1
75 31.0 32.0 48.0#





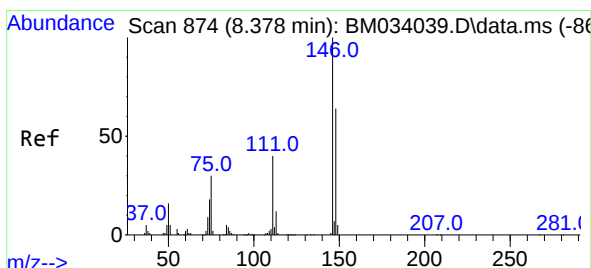
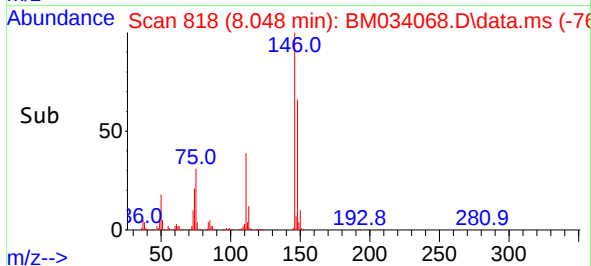
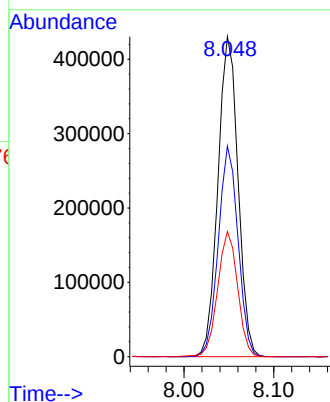
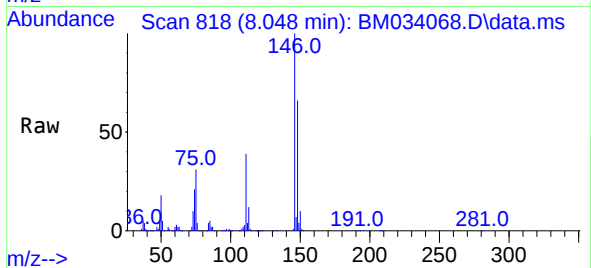
#13
1,4-Dichlorobenzene
Concen: 46.834 ng
RT: 8.048 min Scan# 811
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Instrument :
BNA_M
ClientSampleId :
PB142897BS

Tgt Ion:146 Resp: 66938
Ion Ratio Lower Upper
146 100
148 65.8 53.4 80.0
111 39.1 36.6 55.0

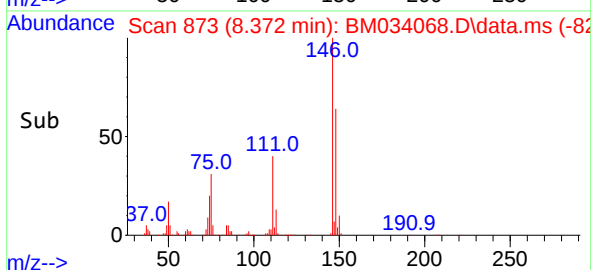
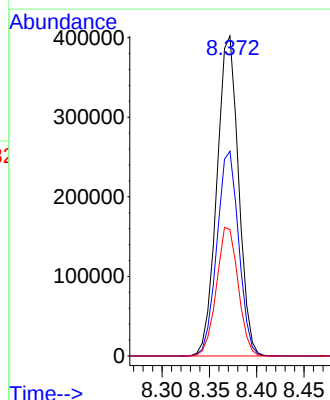
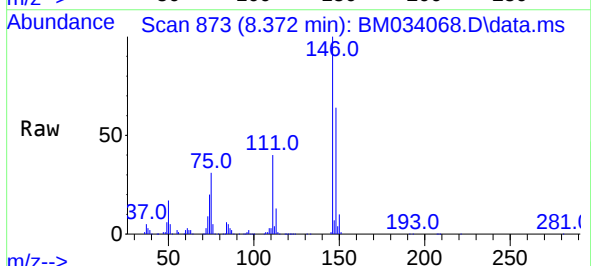
Manual Integrations
APPROVED

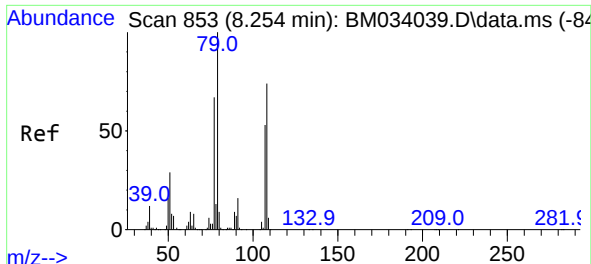
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#14
1,2-Dichlorobenzene
Concen: 45.946 ng
RT: 8.372 min Scan# 873
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

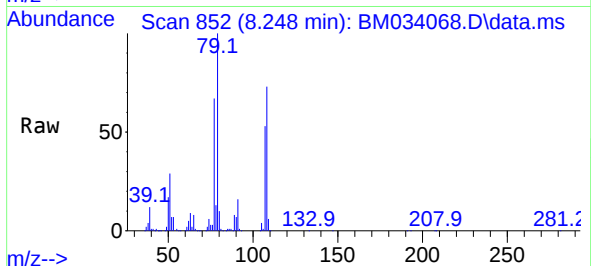
Tgt Ion:146 Resp: 640919
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
111 39.5 37.8 56.8





#15
Benzyl Alcohol
Concen: 47.006 ng
RT: 8.248 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

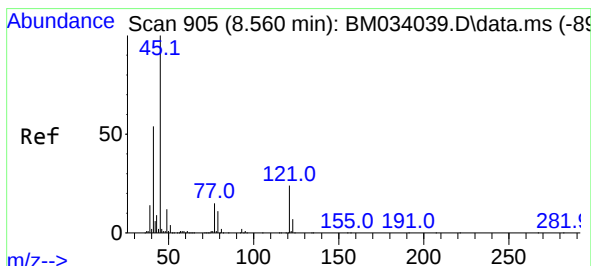
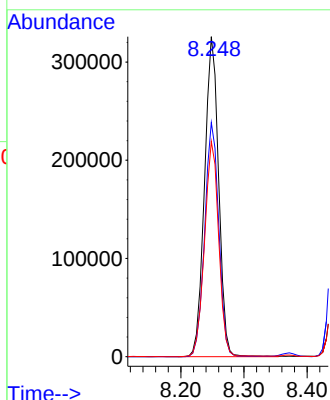
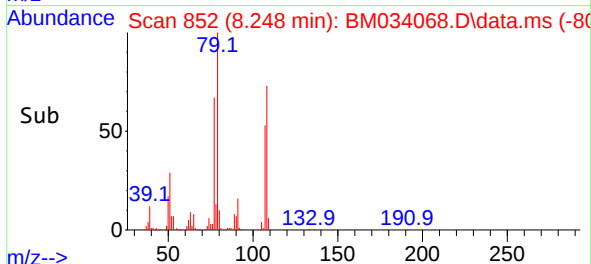
Instrument :
BNA_M
ClientSampleId :
PB142897BS



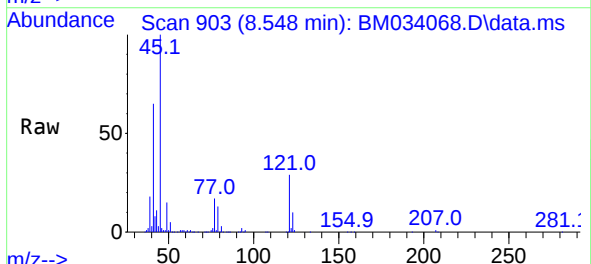
Tgt Ion: 79 Resp: 50613
Ion Ratio Lower Upper
79 100
108 73.1 51.1 76.7
77 67.3 53.8 80.8

Manual Integrations
APPROVED

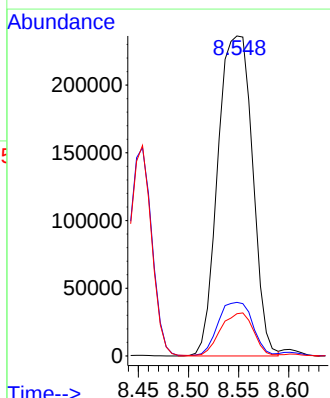
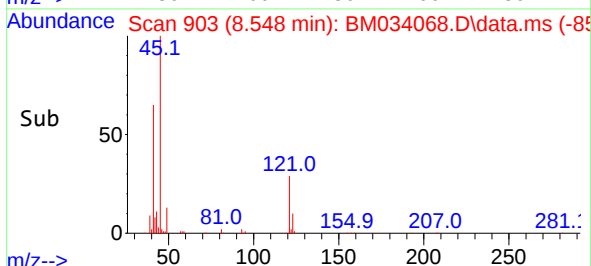
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

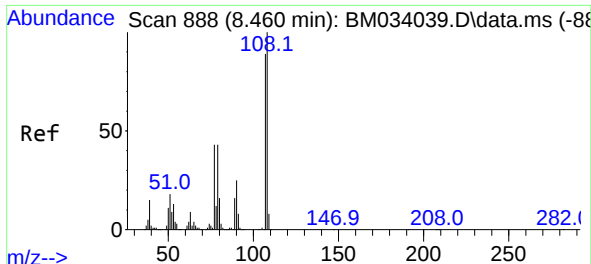


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.893 ng
RT: 8.548 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



Tgt Ion: 45 Resp: 566717
Ion Ratio Lower Upper
45 100
77 16.7 0.0 33.7
79 13.2 0.0 30.0





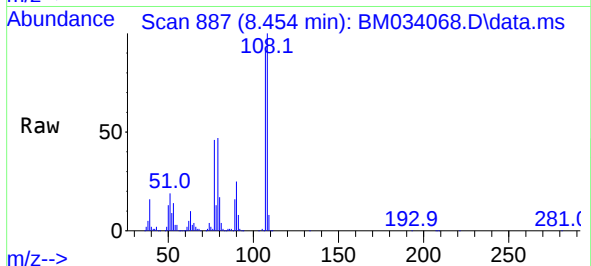
#17
2-Methylphenol
Concen: 48.510 ng
RT: 8.454 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Instrument :

BNA_M

ClientSampleId :

PB142897BS

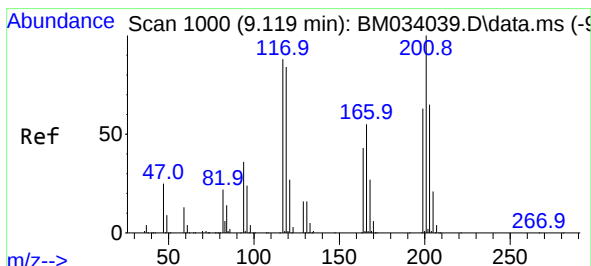
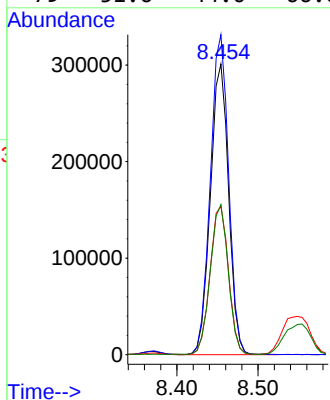
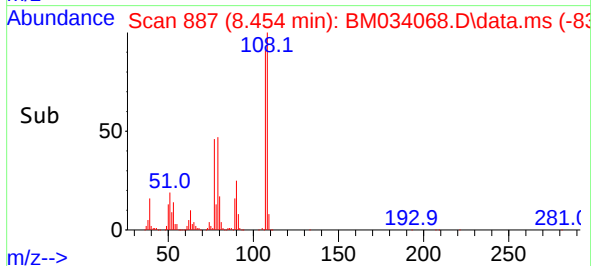


Tgt Ion:107 Resp: 46928
Ion Ratio Lower Upper
107 100
108 110.1 89.2 133.8
77 51.1 46.0 69.0
79 51.6 44.0 66.0

Manual Integrations

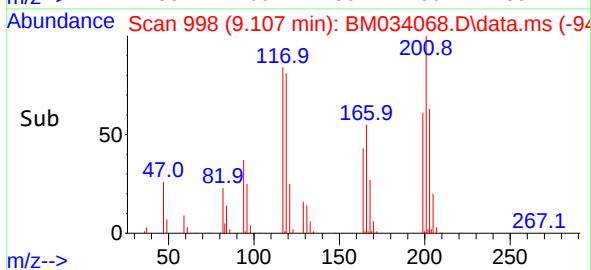
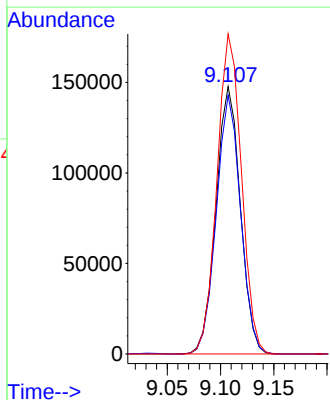
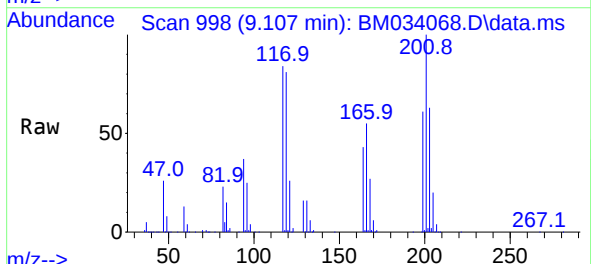
APPROVED

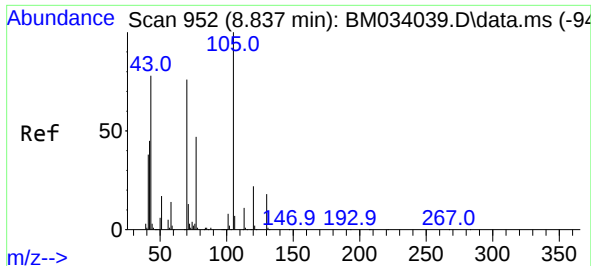
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#18
Hexachloroethane
Concen: 47.932 ng
RT: 9.107 min Scan# 998
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

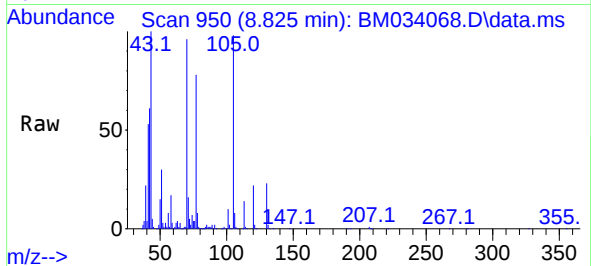
Tgt Ion:117 Resp: 234460
Ion Ratio Lower Upper
117 100
119 96.7 75.0 112.6
201 119.7 75.2 112.8





#19
n-Nitroso-di-n-propylamine
Concen: 44.137 ng
RT: 8.825 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

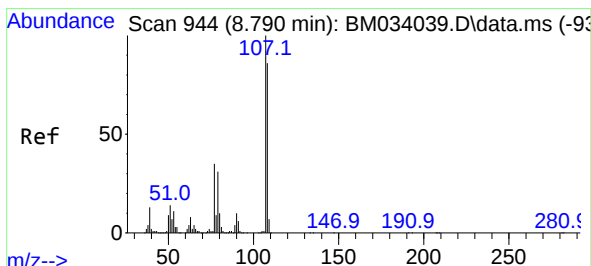
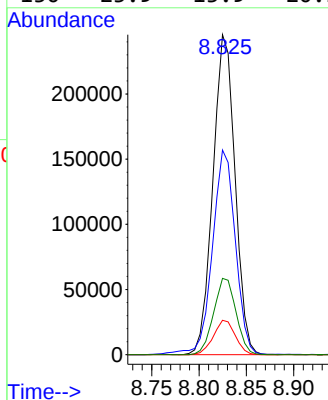
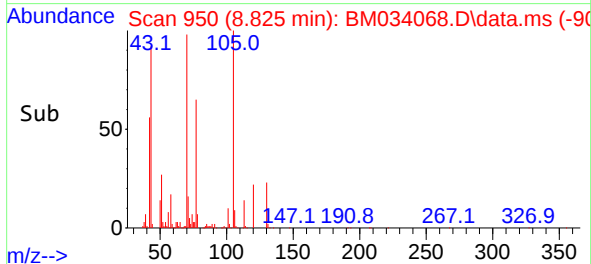
Instrument :
BNA_M
ClientSampleId :
PB142897BS



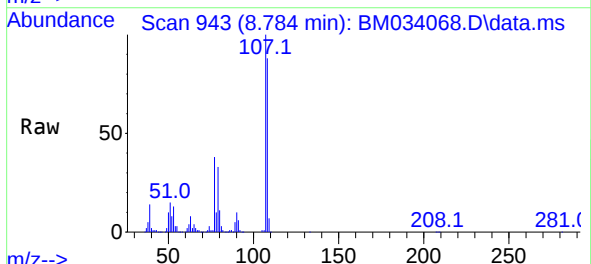
Tgt Ion: 70 Resp: 398352
Ion Ratio Lower Upper
70 100
42 63.9 54.1 81.1
101 10.7 7.8 11.6
130 23.9 13.9 20.9#

Manual Integrations
APPROVED

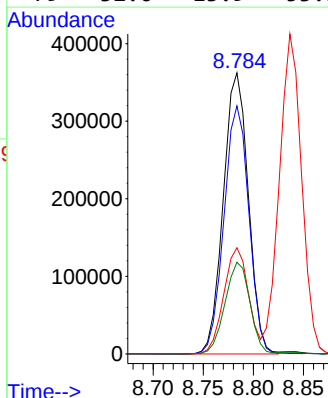
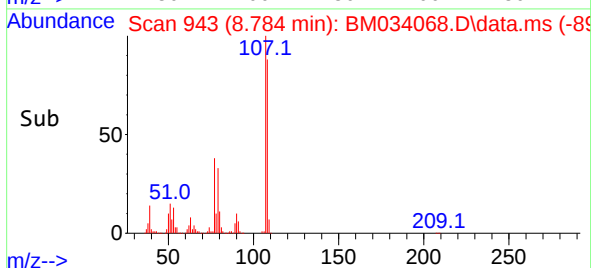
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

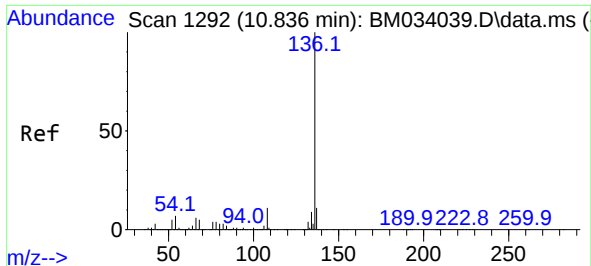


#20
3+4-Methylphenols
Concen: 47.073 ng
RT: 8.784 min Scan# 943
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



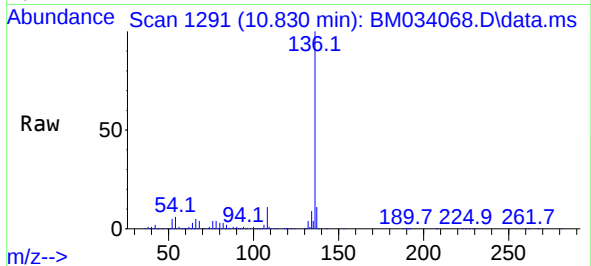
Tgt Ion:107 Resp: 628784
Ion Ratio Lower Upper
107 100
108 88.2 64.2 104.2
77 37.8 22.7 62.7
79 32.6 13.9 53.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.830 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

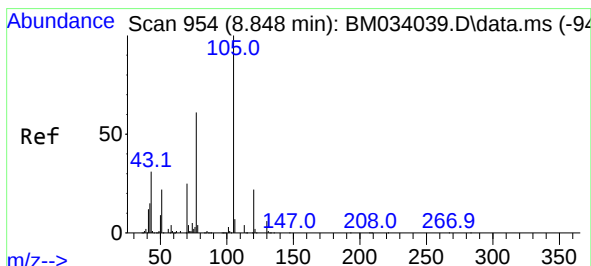
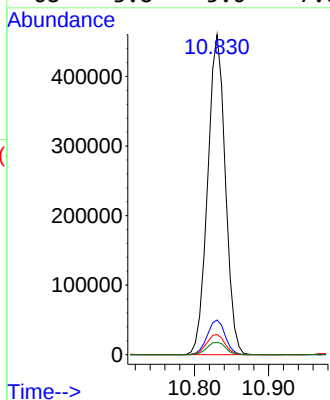
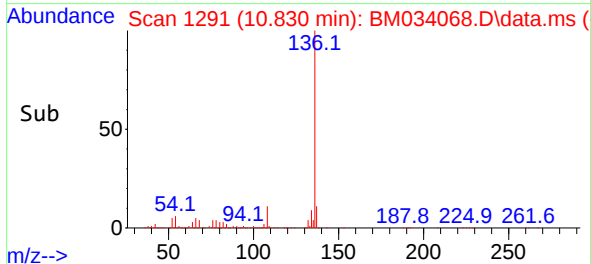
Instrument :
BNA_M
ClientSampleId :
PB142897BS



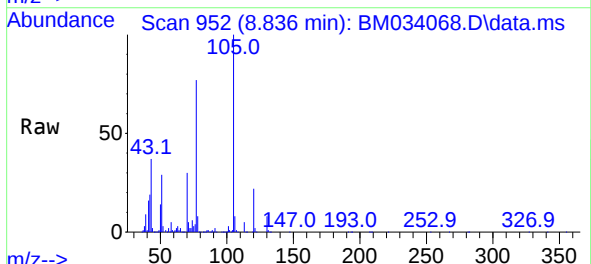
Tgt Ion:136 Resp: 76098
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.3 8.3 12.5
68 3.8 5.0 7.6#

Manual Integrations
APPROVED

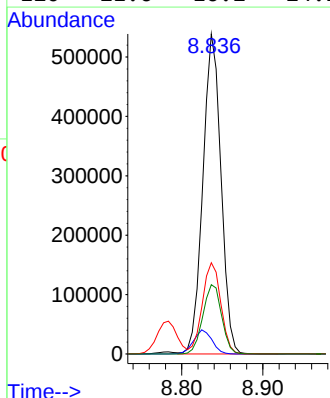
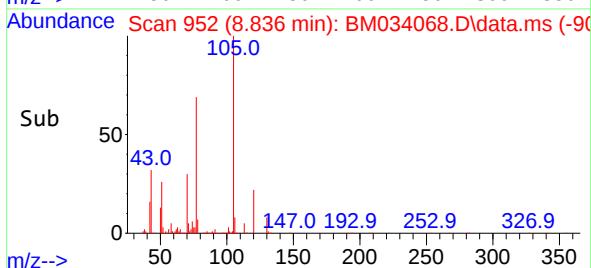
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

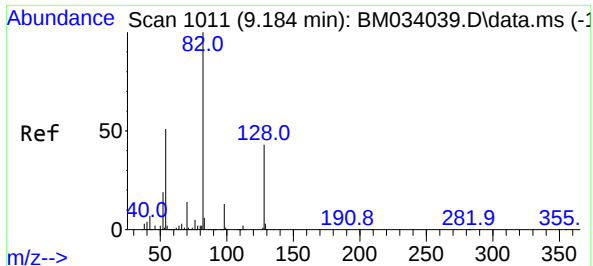


#22
Acetophenone
Concen: 45.422 ng
RT: 8.836 min Scan# 952
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



Tgt Ion:105 Resp: 834909
Ion Ratio Lower Upper
105 100
71 4.8 1.6 2.4#
51 28.5 27.7 41.5
120 21.6 16.2 24.2





#23
Nitrobenzene-d5
Concen: 87.540 ng
RT: 9.178 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Instrument :

BNA_M

ClientSampleId :

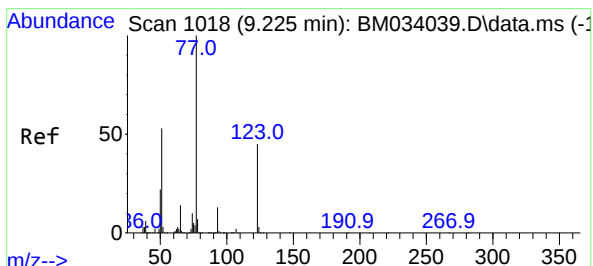
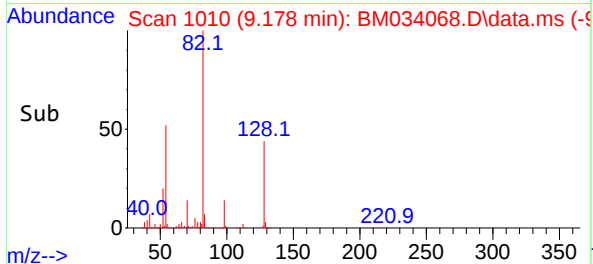
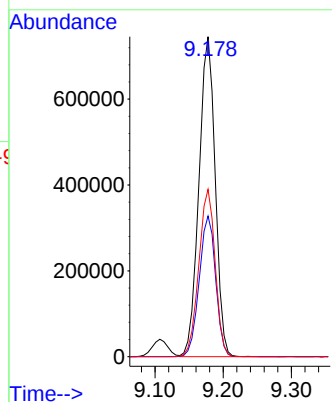
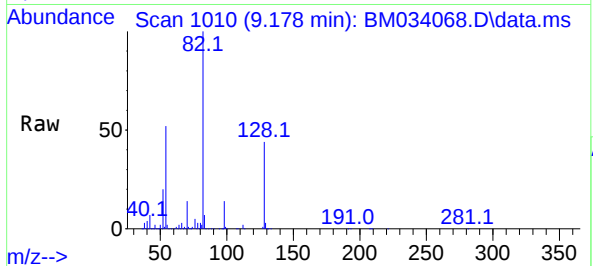
PB142897BS

Tgt Ion: 82 Resp: 1234420
Ion Ratio Lower Upper
82 100
128 44.0 28.1 42.1
54 52.3 46.1 69.1

Manual Integrations

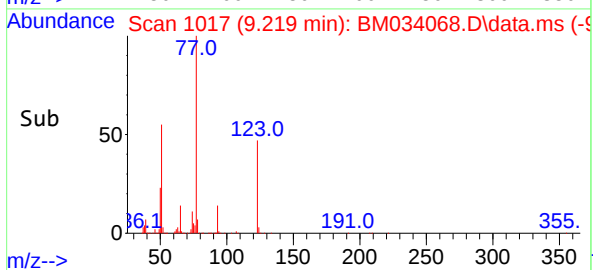
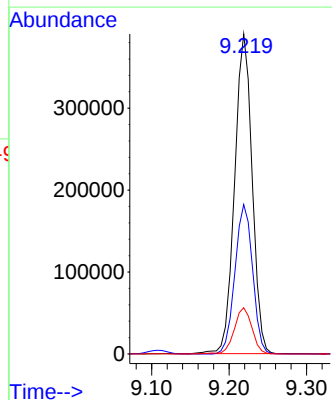
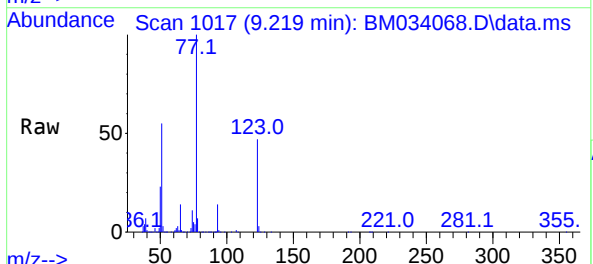
APPROVED

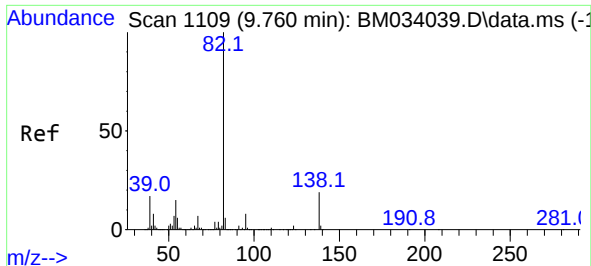
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#24
Nitrobenzene
Concen: 46.846 ng
RT: 9.219 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

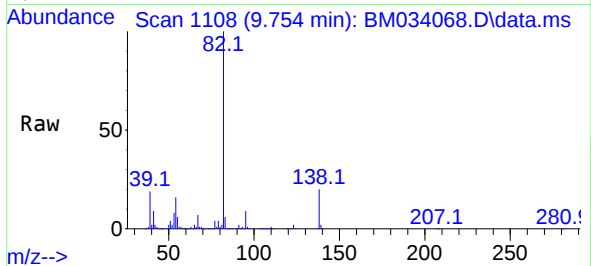
Tgt Ion: 77 Resp: 614991
Ion Ratio Lower Upper
77 100
123 46.7 29.8 44.8
65 14.5 11.5 17.3





#25
Isophorone
Concen: 46.561 ng
RT: 9.754 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

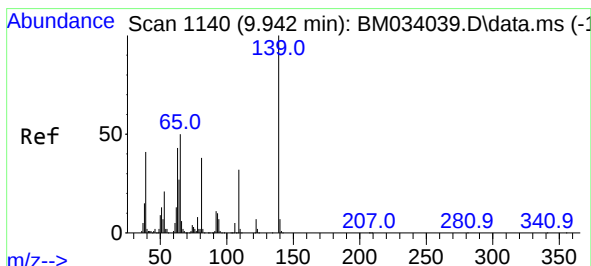
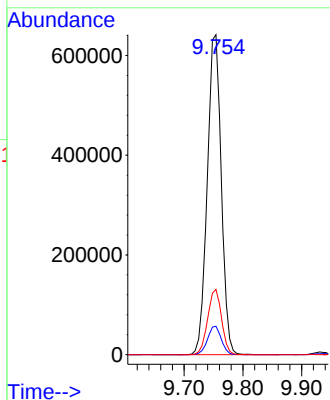
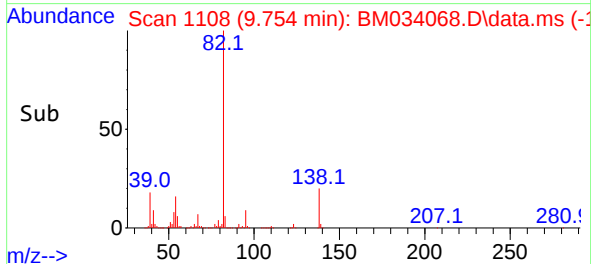
Instrument :
BNA_M
ClientSampleId :
PB142897BS



Tgt Ion: 82 Resp: 105981
Ion Ratio Lower Upper
82 100
95 8.9 6.4 9.6
138 20.4 12.4 18.6

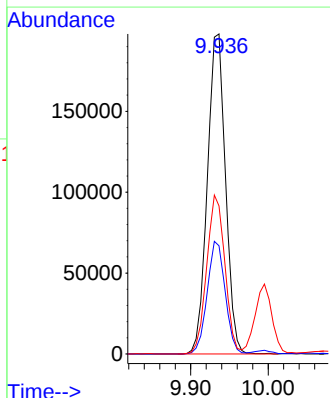
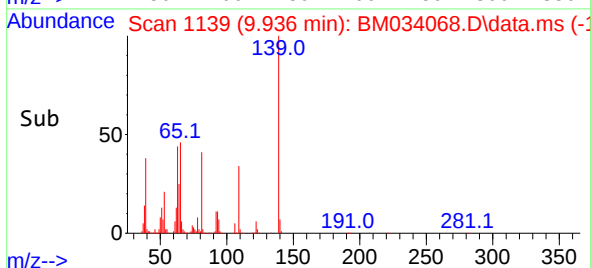
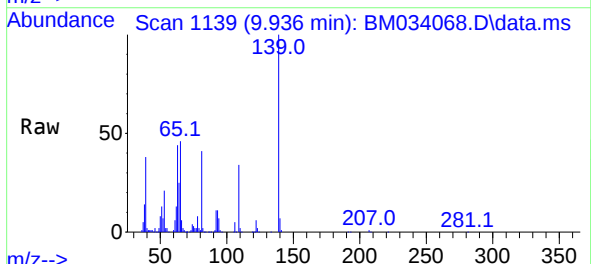
Manual Integrations
APPROVED

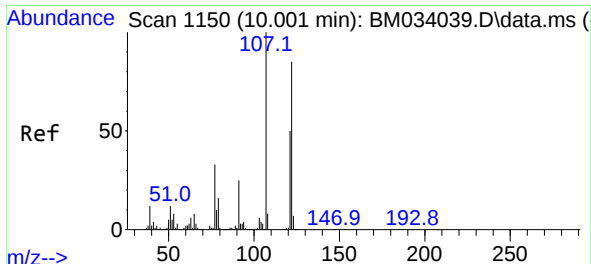
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#26
2-Nitrophenol
Concen: 52.059 ng
RT: 9.936 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

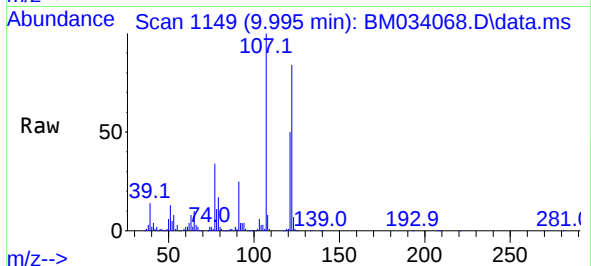
Tgt Ion:139 Resp: 322008
Ion Ratio Lower Upper
139 100
109 33.8 33.0 49.6
65 46.2 57.2 85.8





#27
2,4-Dimethylphenol
Concen: 55.176 ng
RT: 9.995 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

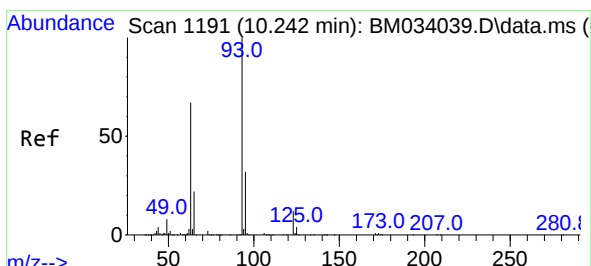
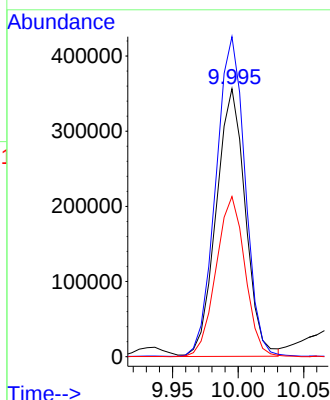
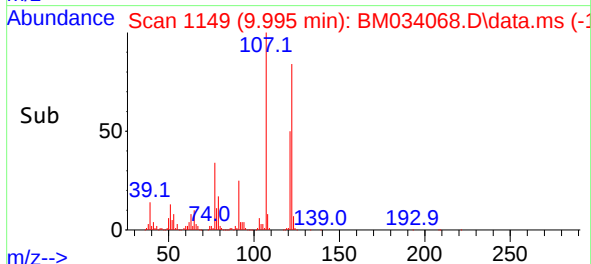
Instrument :
BNA_M
ClientSampleId :
PB142897BS



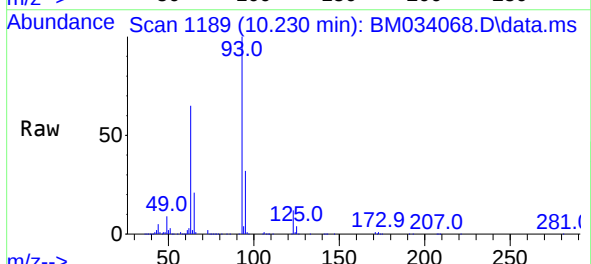
Tgt Ion:122 Resp: 55139
Ion Ratio Lower Upper
122 100
107 119.4 105.3 157.9
121 59.8 49.7 74.5

Manual Integrations
APPROVED

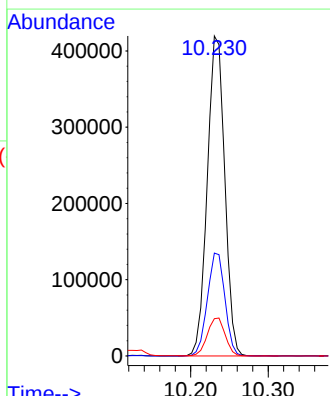
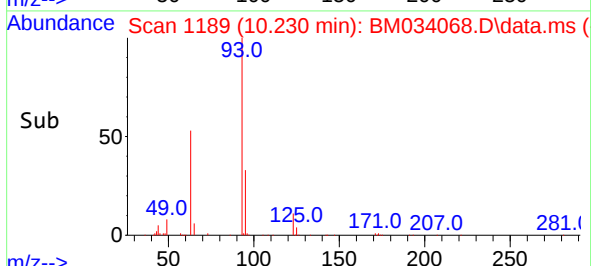
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

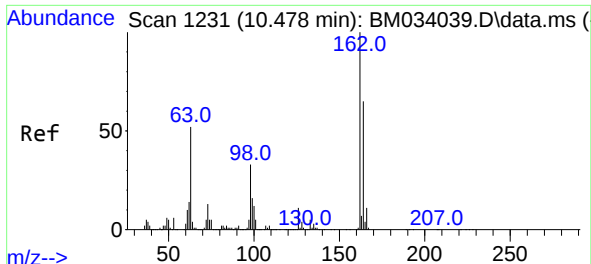


#28
bis(2-Chloroethoxy)methane
Concen: 42.700 ng
RT: 10.230 min Scan# 1189
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



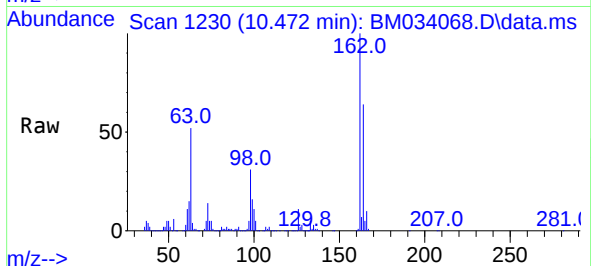
Tgt Ion: 93 Resp: 657199
Ion Ratio Lower Upper
93 100
95 32.1 26.8 40.2
123 11.6 8.0 12.0





#29
2,4-Dichlorophenol
Concen: 51.267 ng
RT: 10.472 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

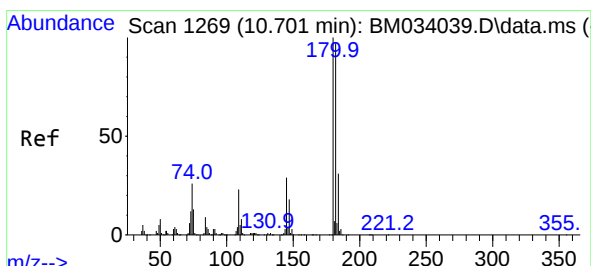
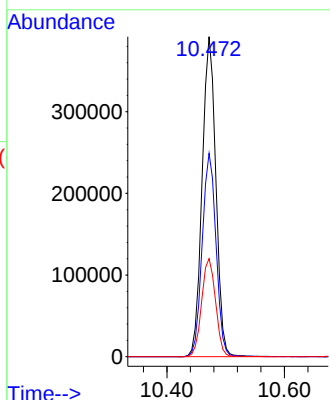
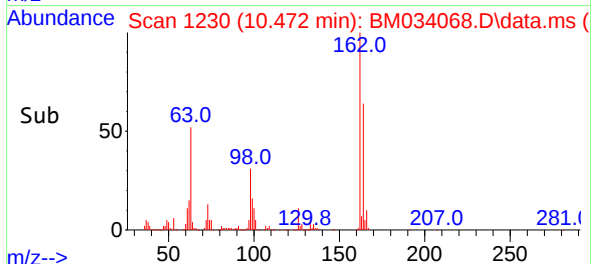
Instrument :
BNA_M
ClientSampleId :
PB142897BS



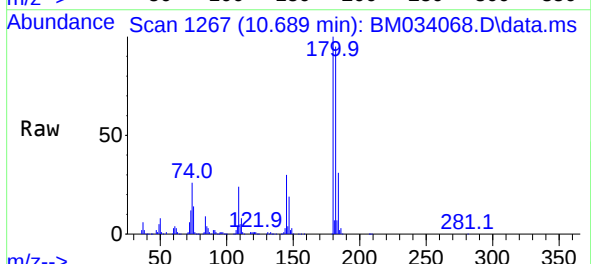
Tgt Ion:162 Resp: 63345
Ion Ratio Lower Upper
162 100
164 63.6 44.4 84.4
98 30.6 19.6 59.6

Manual Integrations
APPROVED

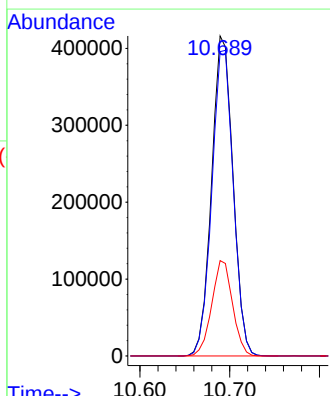
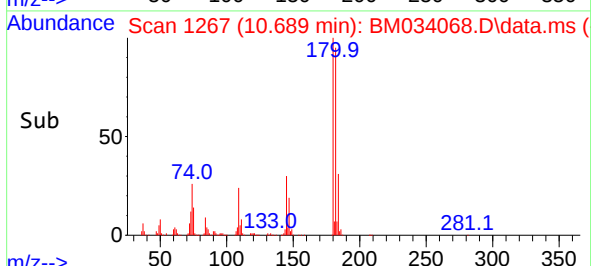
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

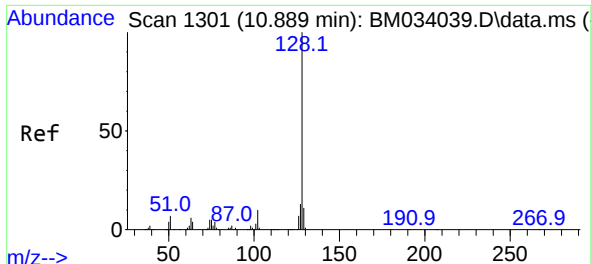


#30
1,2,4-Trichlorobenzene
Concen: 47.421 ng
RT: 10.689 min Scan# 1267
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



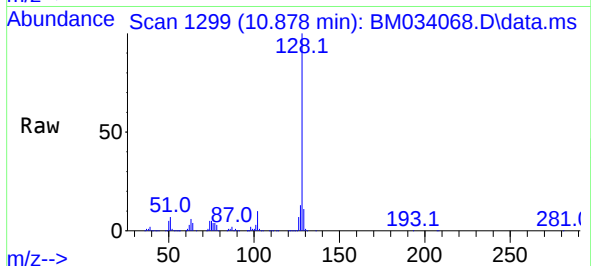
Tgt Ion:180 Resp: 687863
Ion Ratio Lower Upper
180 100
182 95.1 77.8 116.8
145 29.8 26.0 39.0





#31
Naphthalene
Concen: 46.501 ng
RT: 10.878 min Scan# 1129
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

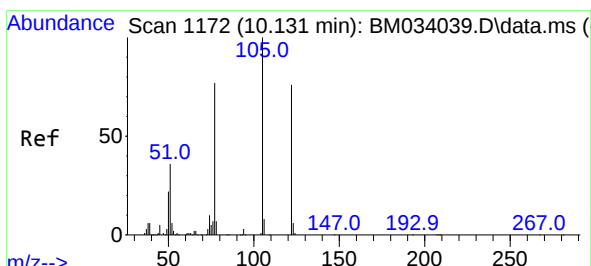
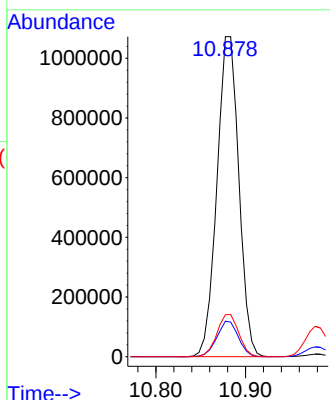
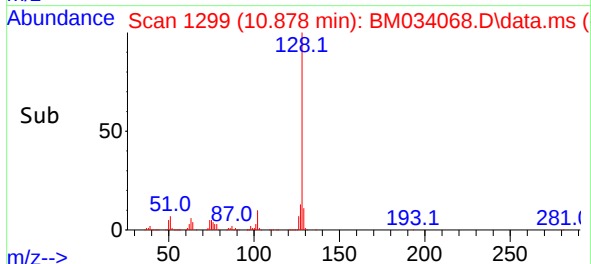
Instrument :
BNA_M
ClientSampleId :
PB142897BS



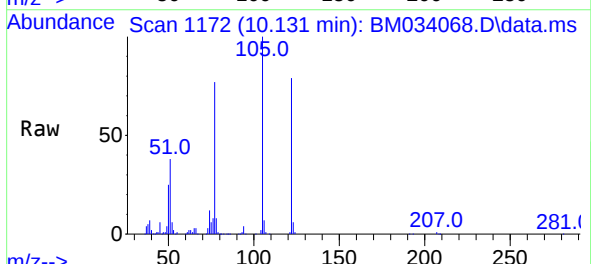
Tgt Ion:128 Resp: 181806
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.1 10.8 16.2

Manual Integrations
APPROVED

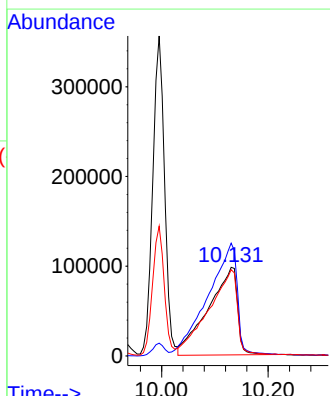
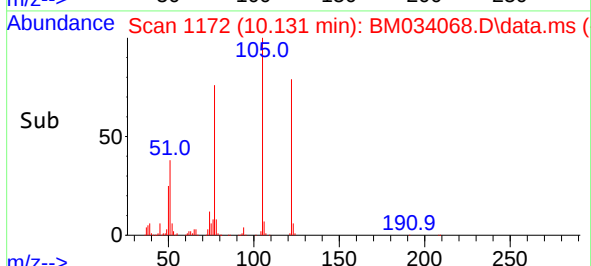
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

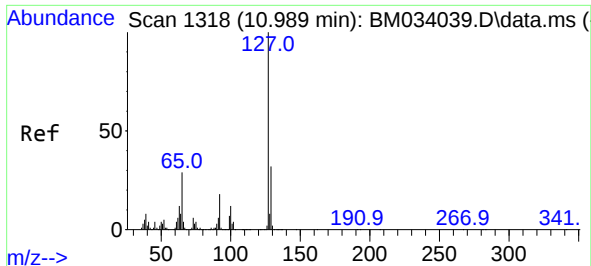


#32
Benzoic acid
Concen: 49.191 ng
RT: 10.131 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



Tgt Ion:122 Resp: 372299
Ion Ratio Lower Upper
122 100
105 127.1 119.6 159.6
77 97.3 101.0 141.0#





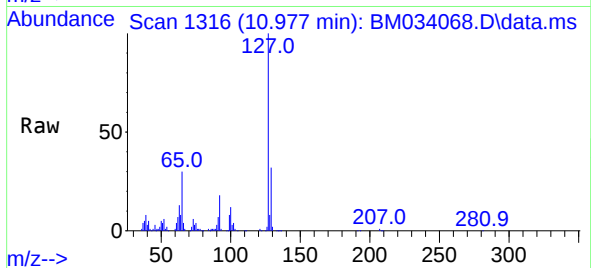
#33
4-Chloroaniline
Concen: 11.226 ng
RT: 10.977 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Instrument :

BNA_M

ClientSampleId :

PB142897BS

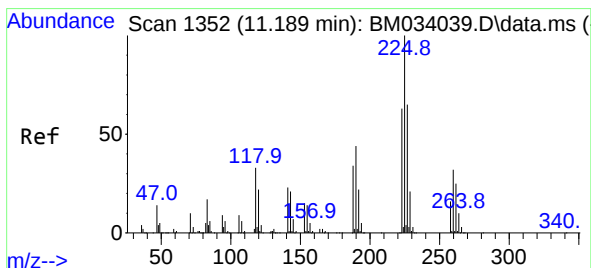
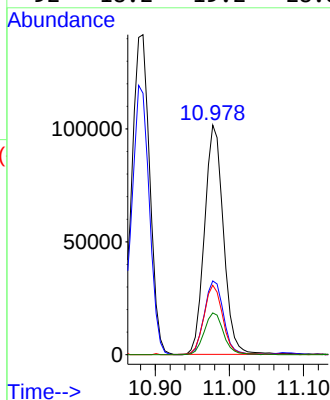
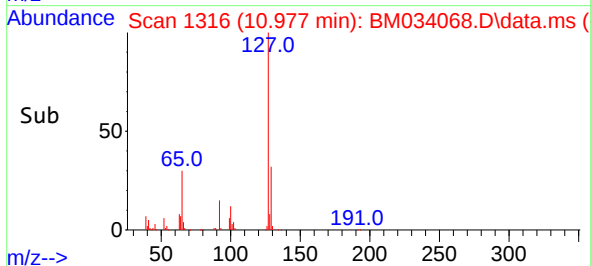


Tgt Ion:127 Resp: 17970
Ion Ratio Lower Upper
127 100
129 32.1 26.2 39.4
65 30.2 33.0 49.6
92 18.2 19.2 28.8#

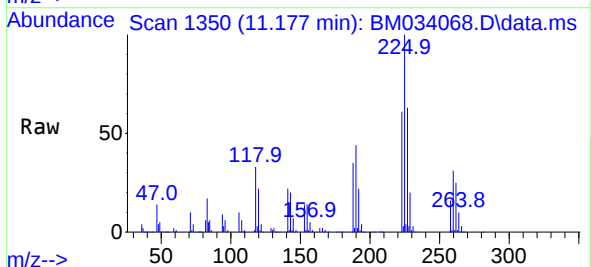
Manual Integrations

APPROVED

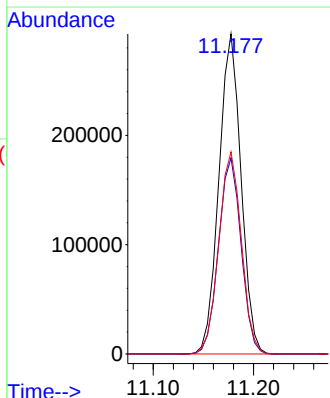
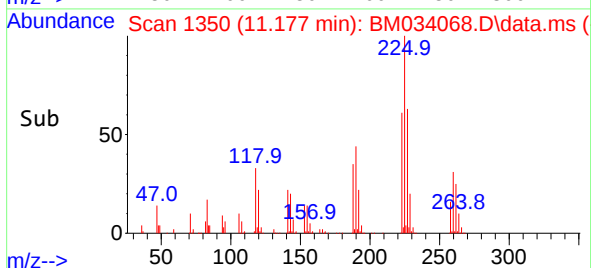
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

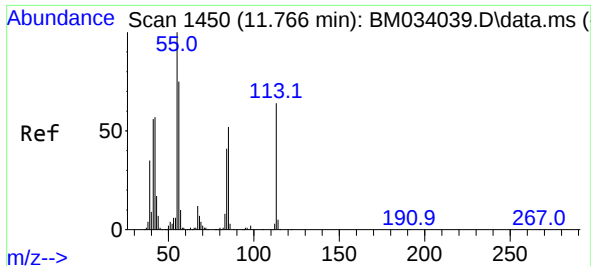


#34
Hexachlorobutadiene
Concen: 48.794 ng
RT: 11.177 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



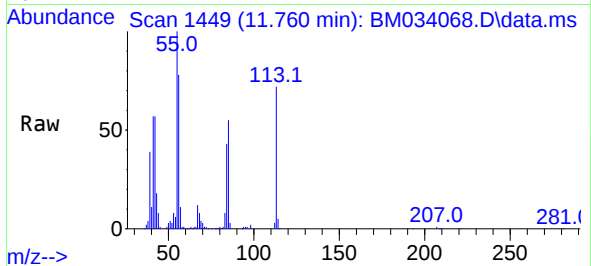
Tgt Ion:225 Resp: 449707
Ion Ratio Lower Upper
225 100
223 61.3 52.5 78.7
227 63.2 52.7 79.1





#35
Caprolactam
Concen: 64.686 ng m
RT: 11.760 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

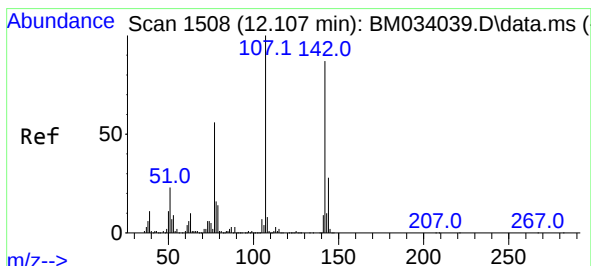
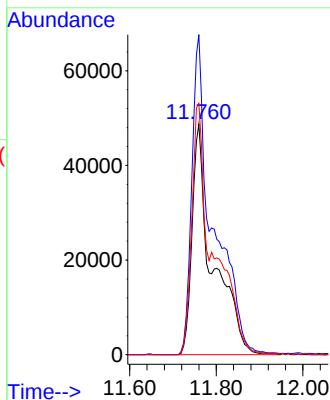
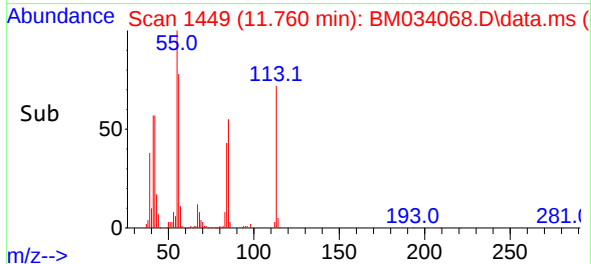
Instrument :
BNA_M
ClientSampleId :
PB142897BS



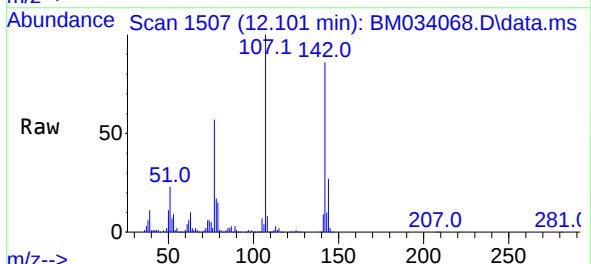
Tgt Ion:113 Resp: 161110
Ion Ratio Lower Upper
113 100
55 138.7 183.6 223.6
56 108.9 143.7 183.7

Manual Integrations
APPROVED

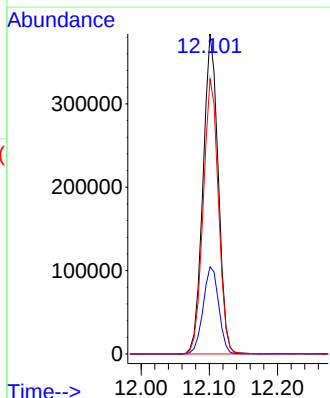
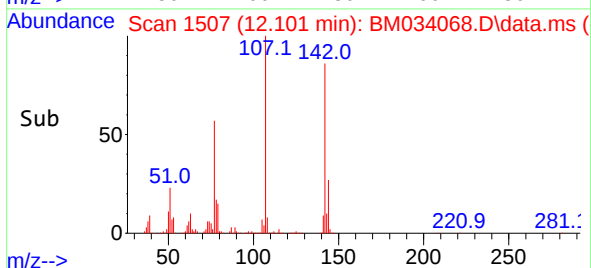
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

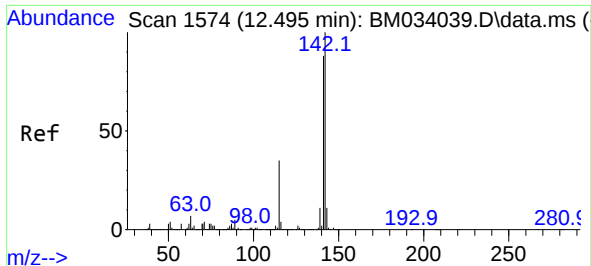


#36
4-Chloro-3-methylphenol
Concen: 48.905 ng
RT: 12.101 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



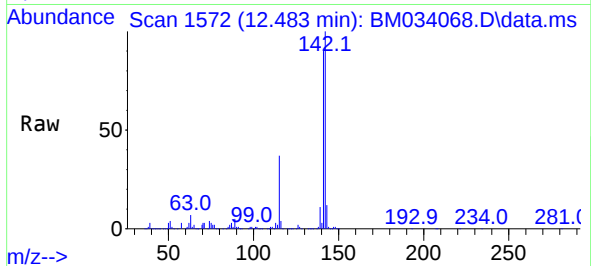
Tgt Ion:107 Resp: 594999
Ion Ratio Lower Upper
107 100
144 27.2 18.6 27.8
142 86.0 56.9 85.3





#37
2-Methylnaphthalene
Concen: 48.608 ng
RT: 12.483 min Scan# 1609
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

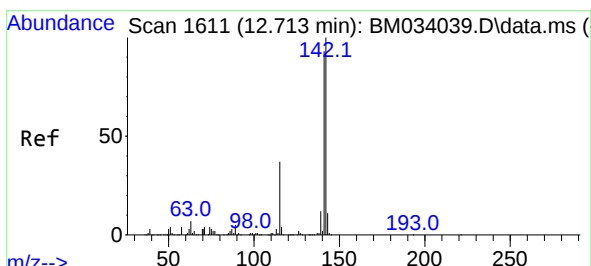
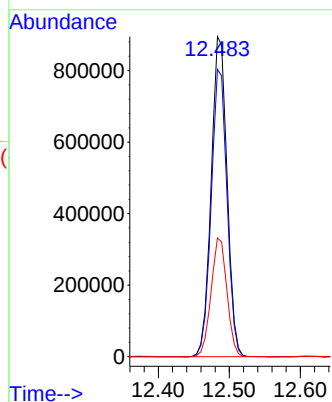
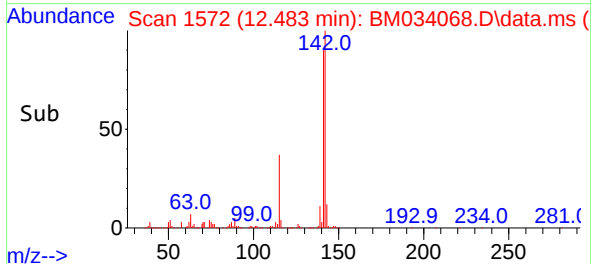
Instrument :
BNA_M
ClientSampleId :
PB142897BS



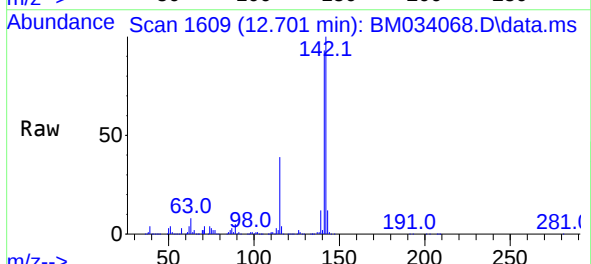
Tgt Ion:142 Resp: 1386500
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.2
115 37.1 33.0 49.6

Manual Integrations
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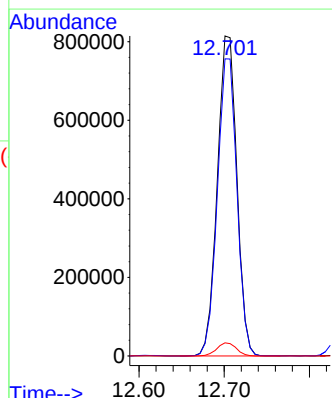
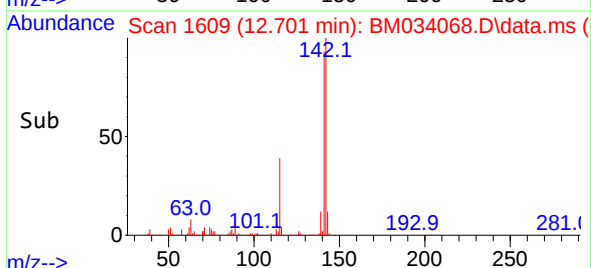
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

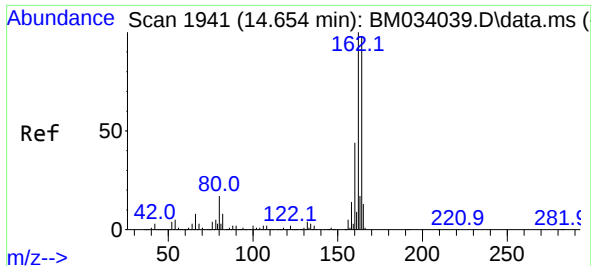


#38
1-Methylnaphthalene
Concen: 46.600 ng
RT: 12.701 min Scan# 1609
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



Tgt Ion:142 Resp: 1296026
Ion Ratio Lower Upper
142 100
141 92.8 75.0 112.4
116 4.1 3.5 5.3





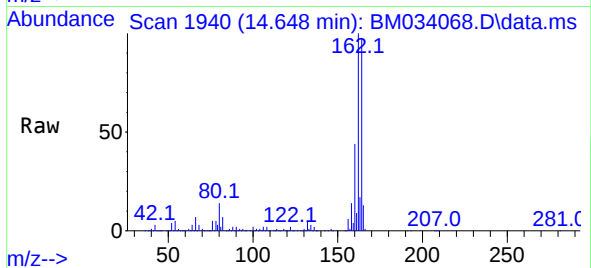
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.648 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Instrument :

BNA_M

ClientSampleId :

PB142897BS

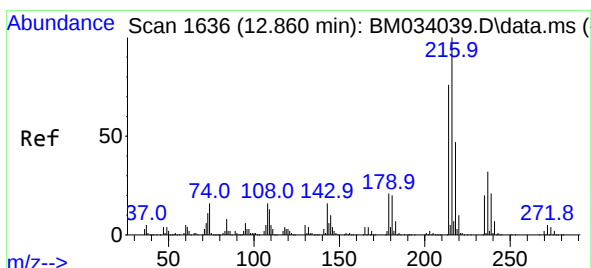
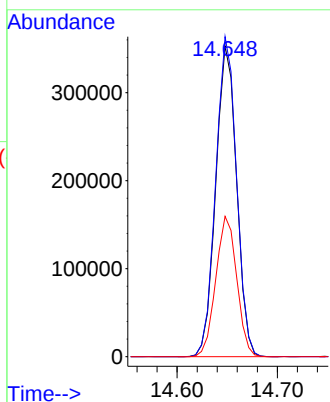
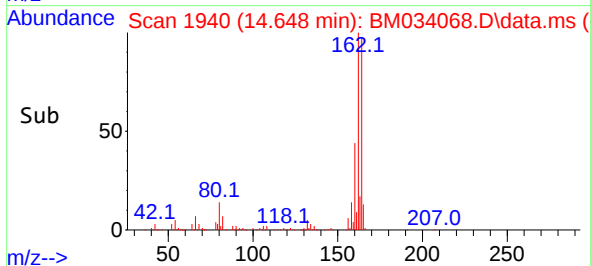


Tgt Ion:164 Resp: 50952
Ion Ratio Lower Upper
164 100
162 103.0 79.7 119.5
160 45.2 34.2 51.4

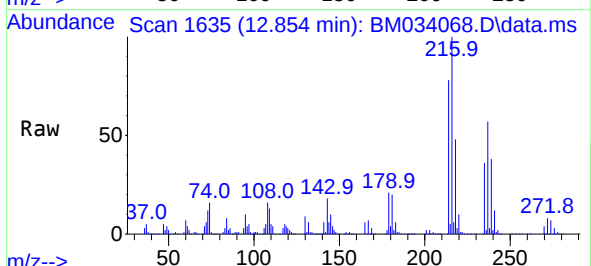
Manual Integrations

APPROVED

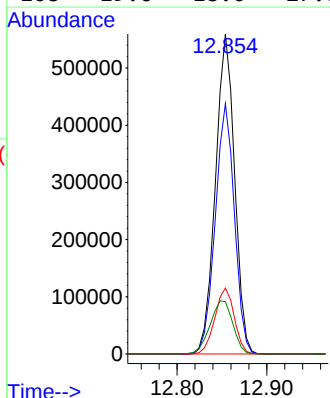
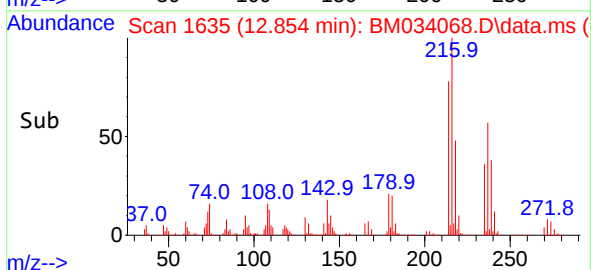
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

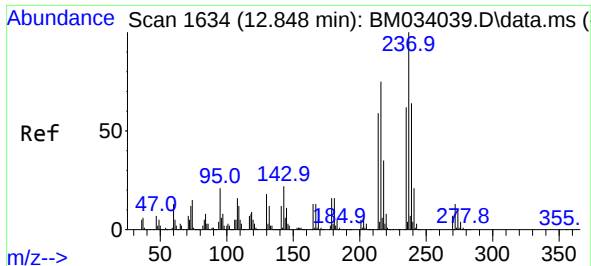


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.948 ng
RT: 12.854 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



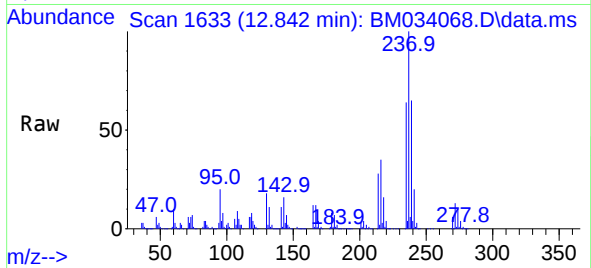
Tgt Ion:216 Resp: 829929
Ion Ratio Lower Upper
216 100
214 78.1 62.6 93.8
179 20.9 18.2 27.2
108 19.6 18.0 27.0





#41
Hexachlorocyclopentadiene
Concen: 124.176 ng
RT: 12.842 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

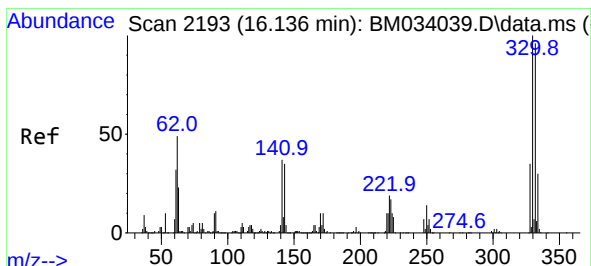
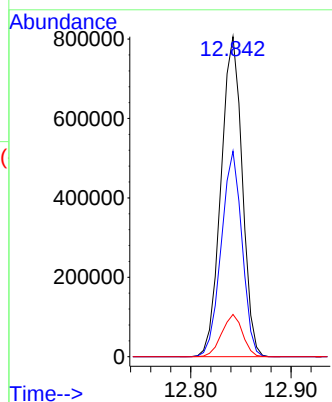
Instrument :
BNA_M
ClientSampleId :
PB142897BS



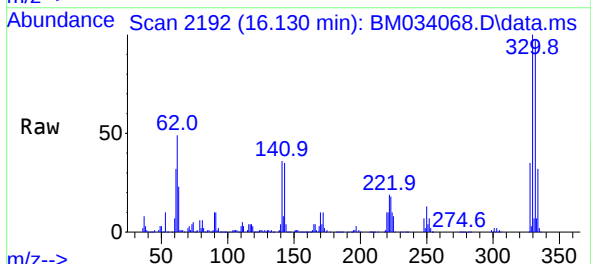
Tgt Ion:237 Resp: 1181633
Ion Ratio Lower Upper
237 100
235 64.2 41.7 81.7
272 13.2 0.0 32.5

Manual Integrations
APPROVED

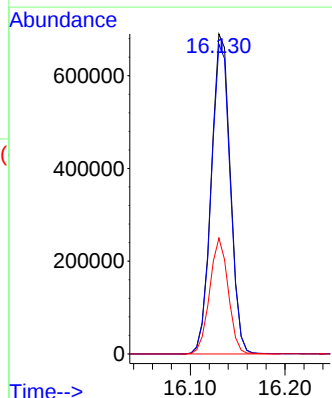
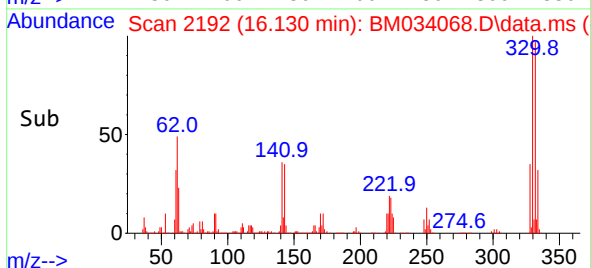
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

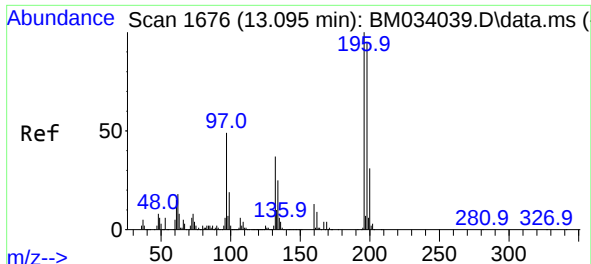


#42
2,4,6-Tribromophenol
Concen: 156.250 ng
RT: 16.130 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



Tgt Ion:330 Resp: 966238
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 35.2 35.9 53.9#





#43
2,4,6-Trichlorophenol
Concen: 52.897 ng
RT: 13.083 min Scan# 1674
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Instrument :

BNA_M

ClientSampleId :

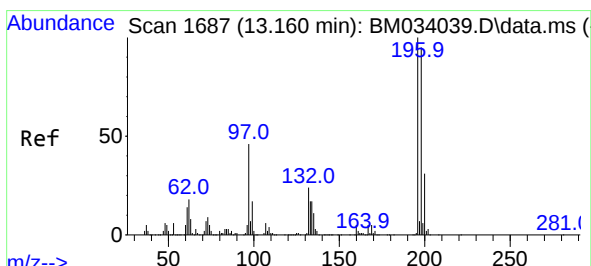
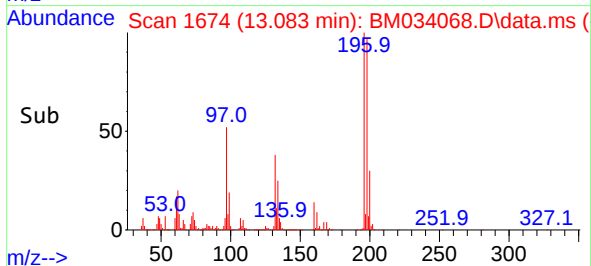
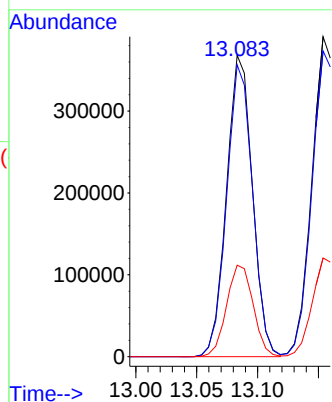
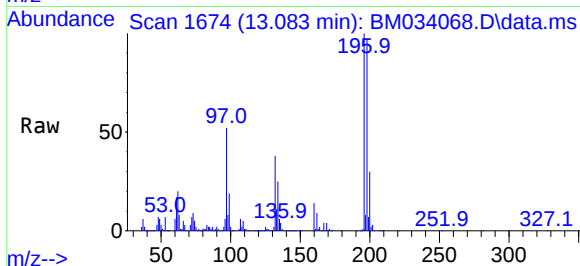
PB142897BS

Tgt Ion:196 Resp: 544899
Ion Ratio Lower Upper
196 100
198 96.8 75.1 112.7
200 30.4 24.0 36.0

Manual Integrations

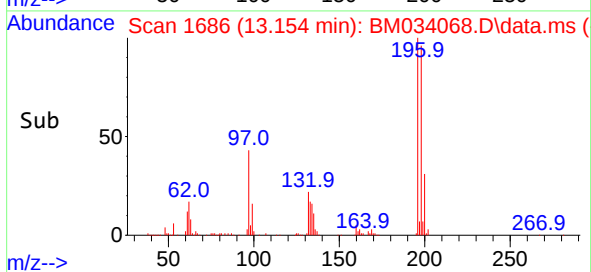
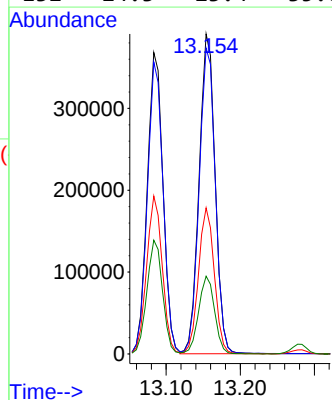
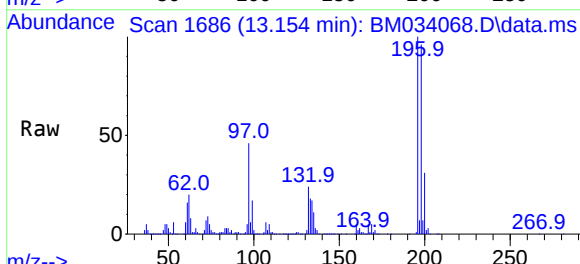
APPROVED

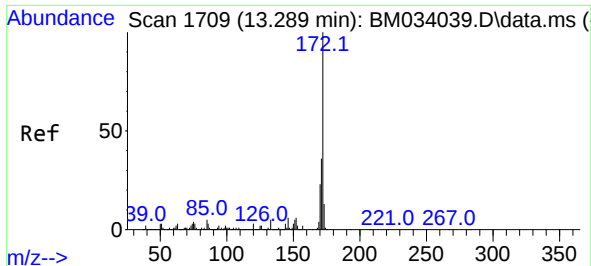
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#44
2,4,5-Trichlorophenol
Concen: 56.080 ng
RT: 13.154 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Tgt Ion:196 Resp: 586861
Ion Ratio Lower Upper
196 100
198 95.6 77.8 116.6
97 45.7 49.7 74.5#
132 24.3 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 91.885 ng
RT: 13.283 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Instrument :

BNA_M

ClientSampleId :

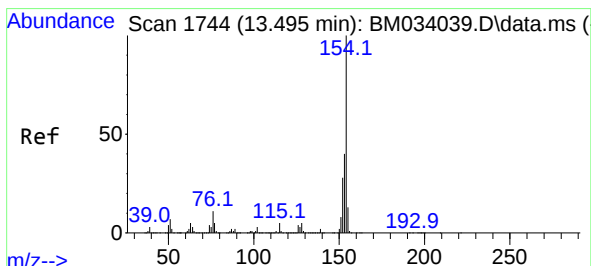
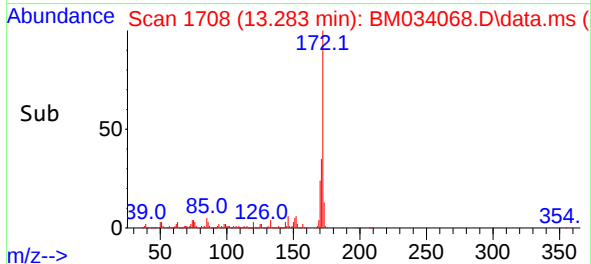
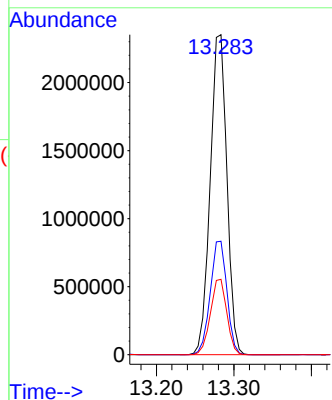
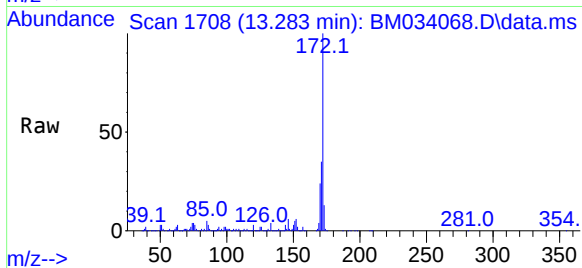
PB142897BS

Tgt Ion:172 Resp: 351401
Ion Ratio Lower Upper
172 100
171 35.4 27.2 40.8
170 23.6 18.7 28.1

Manual Integrations

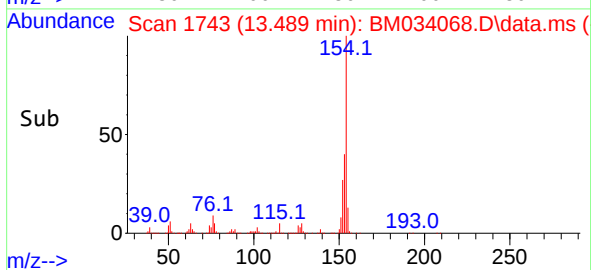
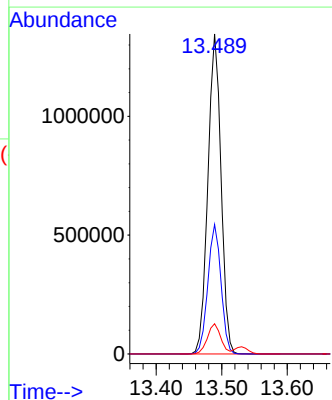
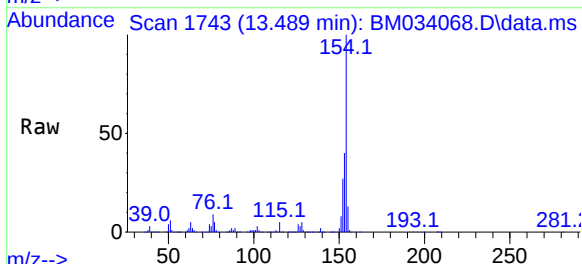
APPROVED

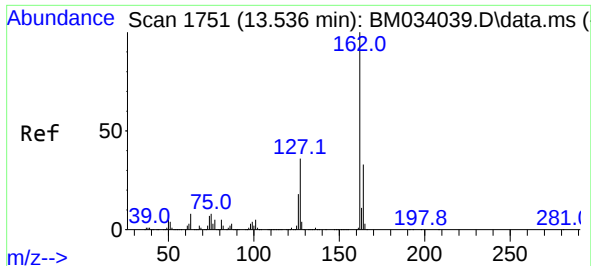
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#46
1,1'-Biphenyl
Concen: 48.161 ng
RT: 13.489 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

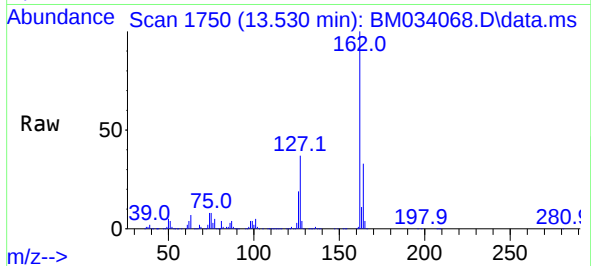
Tgt Ion:154 Resp: 1874870
Ion Ratio Lower Upper
154 100
153 40.5 20.7 60.7
76 9.5 0.0 34.4





#47
2-Chloronaphthalene
Concen: 47.829 ng
RT: 13.530 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

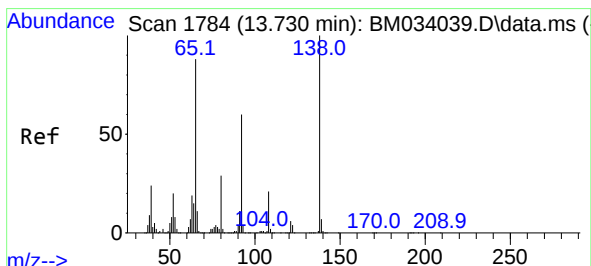
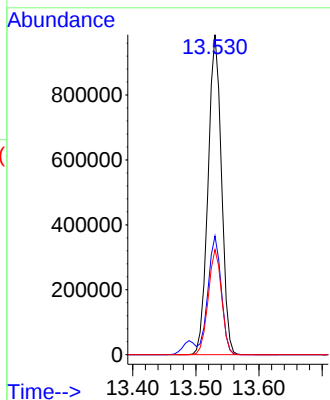
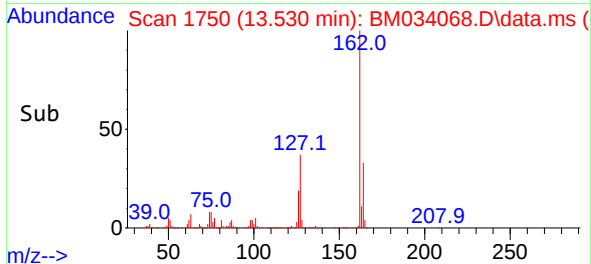
Instrument :
BNA_M
ClientSampleId :
PB142897BS



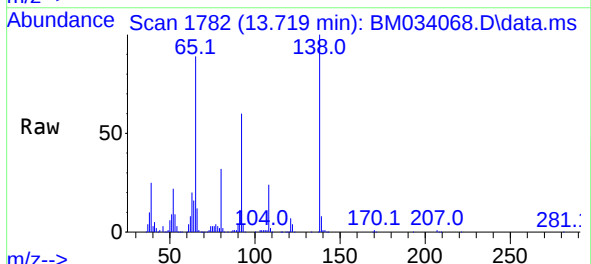
Tgt Ion:162 Resp: 1453909
Ion Ratio Lower Upper
162 100
127 37.1 33.8 50.6
164 32.9 26.2 39.4

Manual Integrations
APPROVED

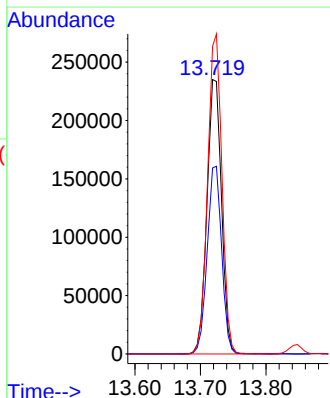
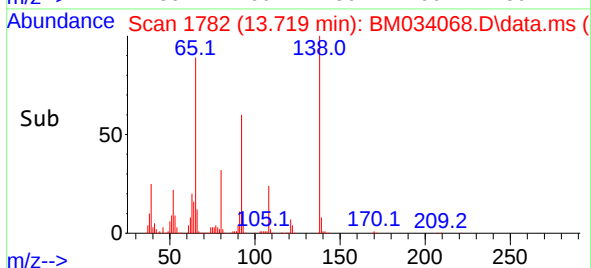
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

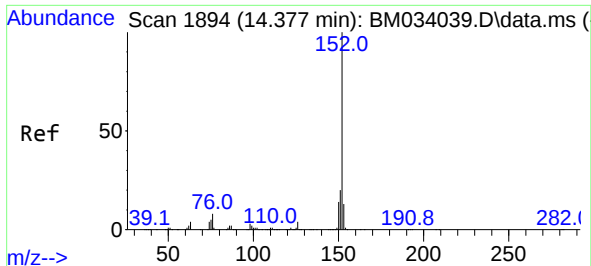


#48
2-Nitroaniline
Concen: 50.285 ng
RT: 13.719 min Scan# 1782
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



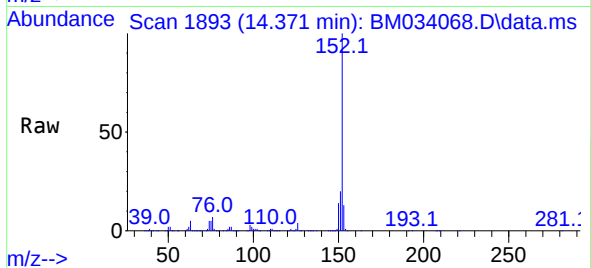
Tgt Ion: 65 Resp: 363011
Ion Ratio Lower Upper
65 100
92 67.8 50.0 75.0
138 112.2 65.7 98.5#





#49
Acenaphthylene
Concen: 50.228 ng
RT: 14.371 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

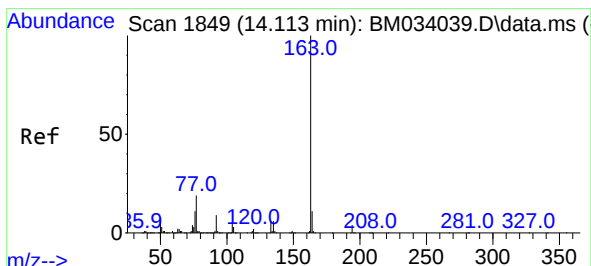
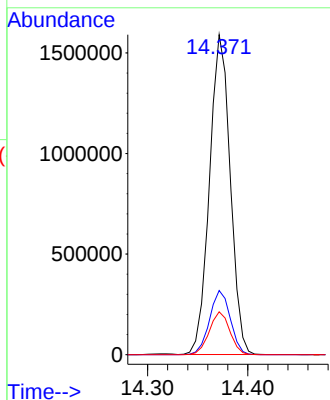
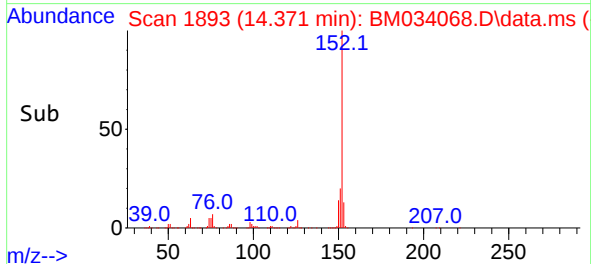
Instrument :
BNA_M
ClientSampleId :
PB142897BS



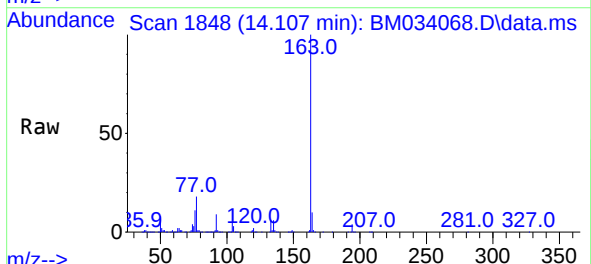
Tgt Ion:152 Resp: 2288164
Ion Ratio Lower Upper
152 100
151 20.1 15.4 23.2
153 13.4 10.4 15.6

Manual Integrations
APPROVED

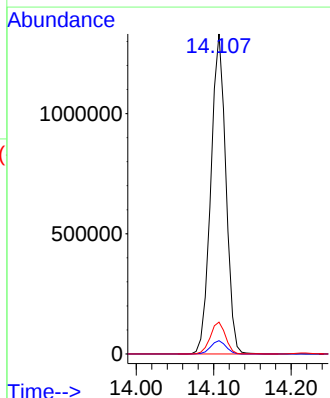
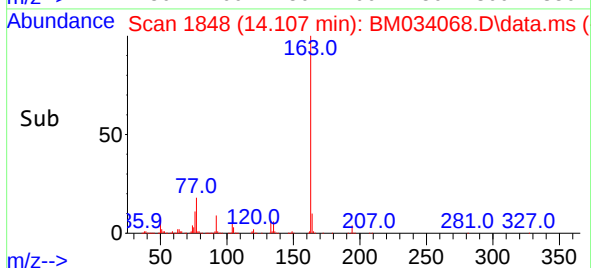
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

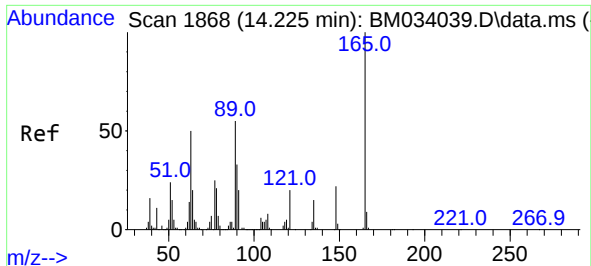


#50
Dimethylphthalate
Concen: 47.538 ng
RT: 14.107 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



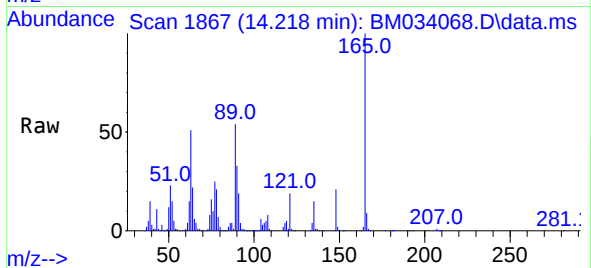
Tgt Ion:163 Resp: 1795736
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.0 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 52.451 ng
RT: 14.218 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

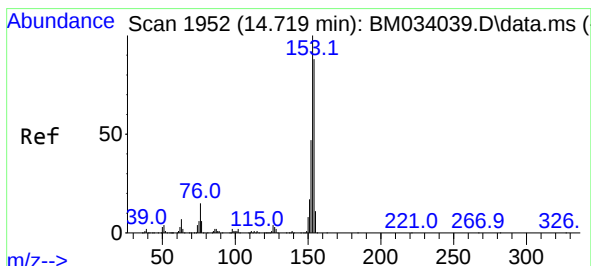
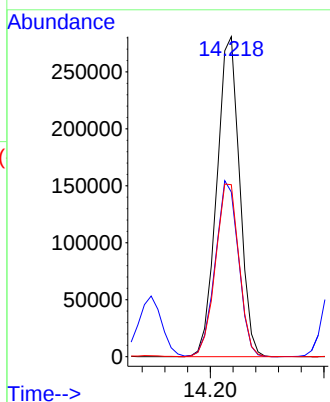
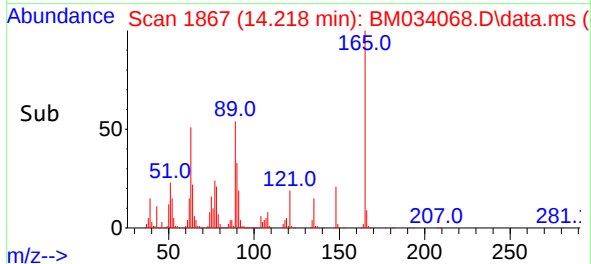
Instrument :
BNA_M
ClientSampleId :
PB142897BS



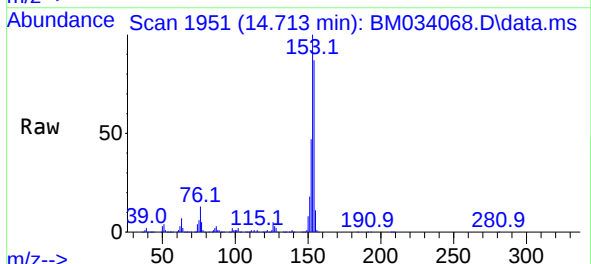
Tgt Ion:165 Resp: 392059
Ion Ratio Lower Upper
165 100
63 51.5 56.9 85.3
89 53.7 54.3 81.5

Manual Integrations
APPROVED

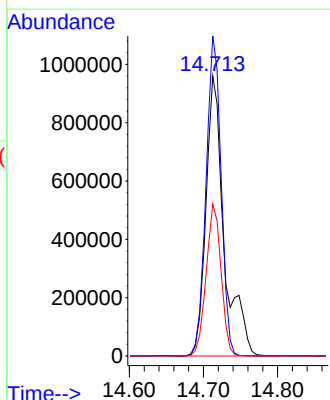
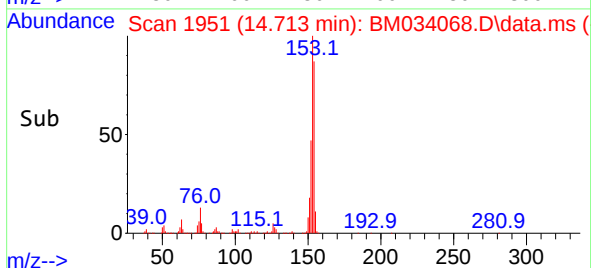
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

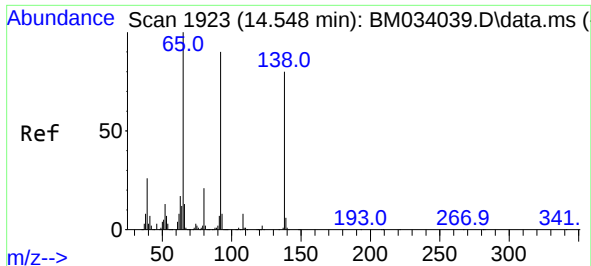


#52
Acenaphthene
Concen: 54.392 ng
RT: 14.713 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



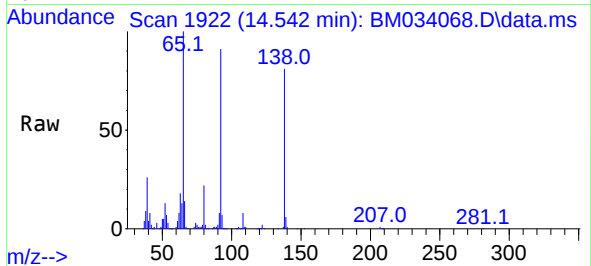
Tgt Ion:154 Resp: 1637322
Ion Ratio Lower Upper
154 100
153 114.4 90.2 135.4
152 54.3 43.5 65.3





#53
3-Nitroaniline
Concen: 23.526 ng
RT: 14.542 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

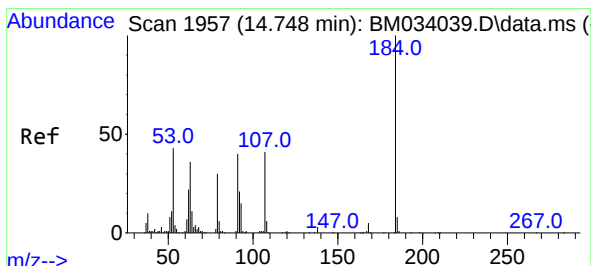
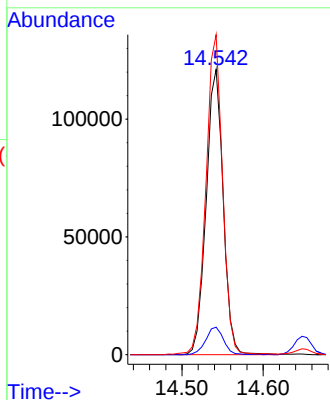
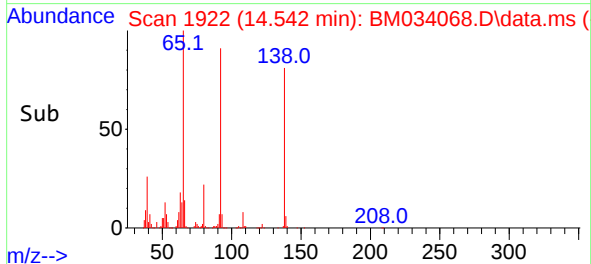
Instrument :
BNA_M
ClientSampleId :
PB142897BS



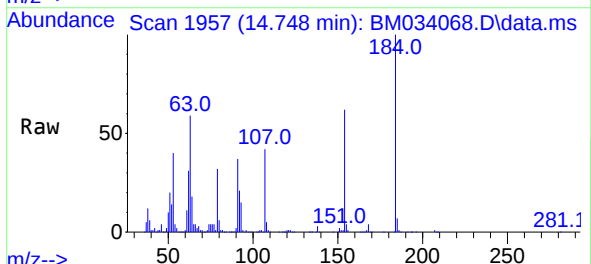
Tgt Ion:138 Resp: 175894
Ion Ratio Lower Upper
138 100
108 9.7 9.5 14.3
92 112.2 106.6 159.8

Manual Integrations
APPROVED

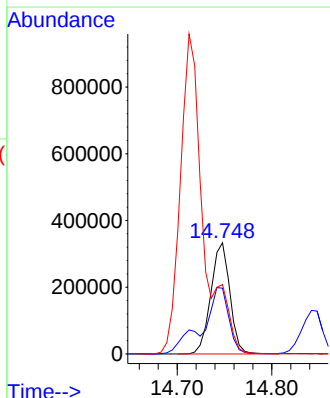
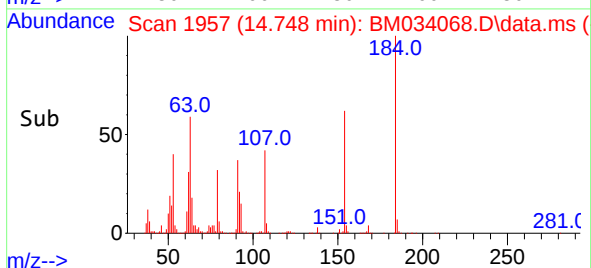
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

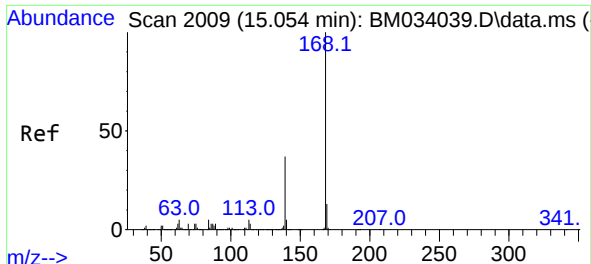


#54
2,4-Dinitrophenol
Concen: 109.981 ng
RT: 14.748 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



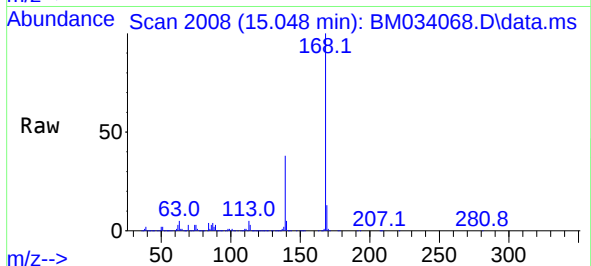
Tgt Ion:184 Resp: 464630
Ion Ratio Lower Upper
184 100
63 59.2 71.8 107.6#
154 62.4 55.7 83.5





#55
Dibenzenofuran
Concen: 46.877 ng
RT: 15.048 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

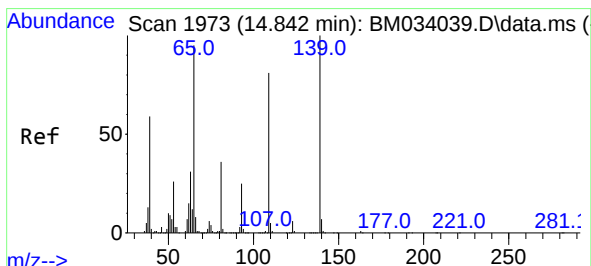
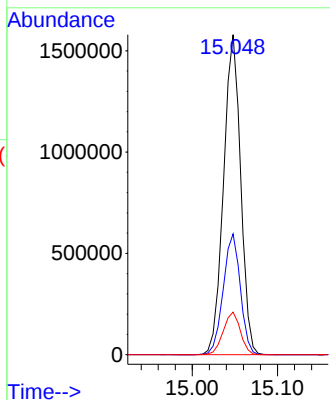
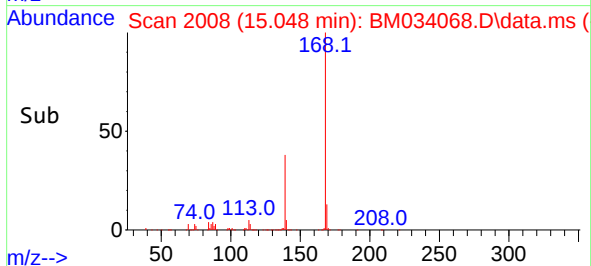
Instrument :
BNA_M
ClientSampleId :
PB142897BS



Tgt Ion:168 Resp: 2204169
Ion Ratio Lower Upper
168 100
139 37.8 31.4 47.2
169 13.3 10.6 15.8

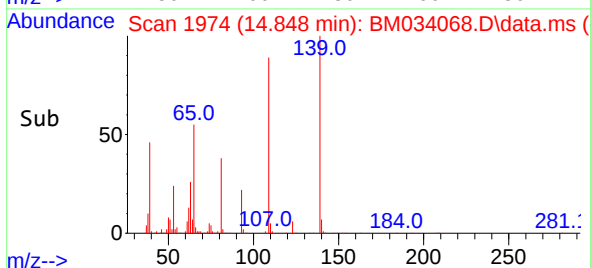
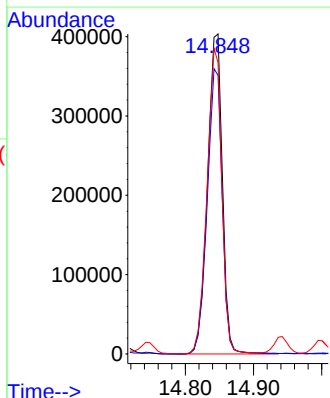
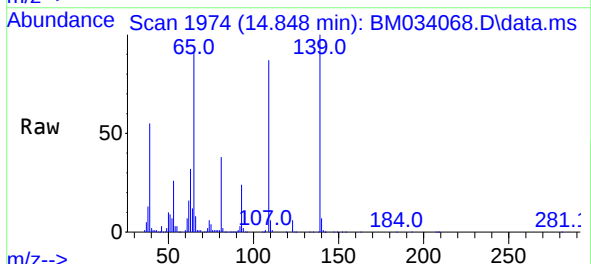
Manual Integrations
APPROVED

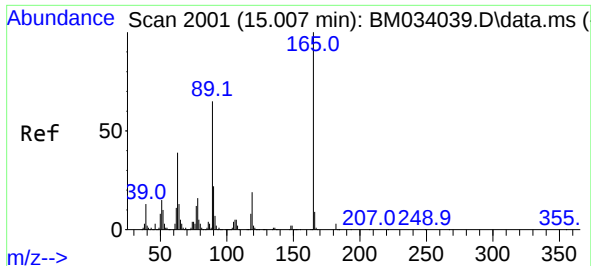
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#56
4-Nitrophenol
Concen: 101.535 ng
RT: 14.848 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Tgt Ion:139 Resp: 613591
Ion Ratio Lower Upper
139 100
109 87.0 75.3 115.3
65 91.1 107.4 147.4#





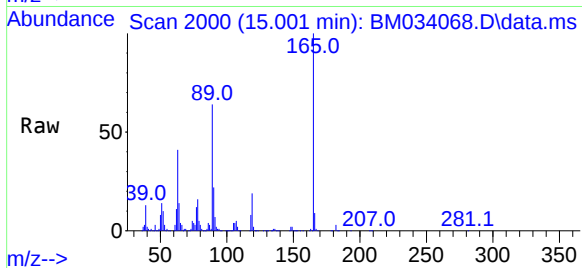
#57
2,4-Dinitrotoluene
Concen: 54.564 ng
RT: 15.001 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Instrument :

BNA_M

ClientSampleId :

PB142897BS

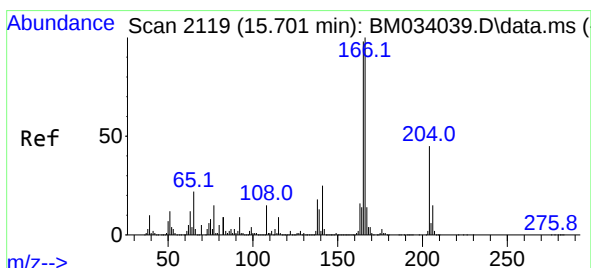
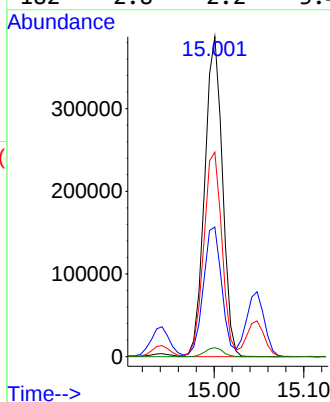
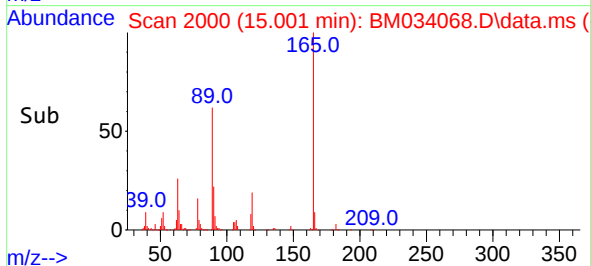


Tgt Ion:165 Resp: 530379
Ion Ratio Lower Upper
165 100
63 40.5 46.2 69.4
89 63.9 72.0 108.0
182 2.8 2.2 3.4

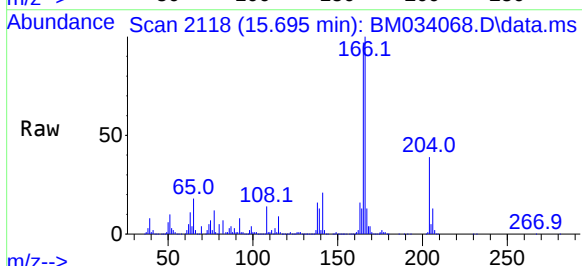
Manual Integrations

APPROVED

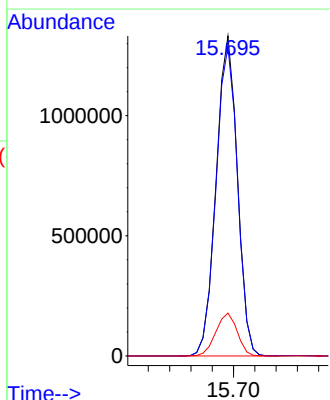
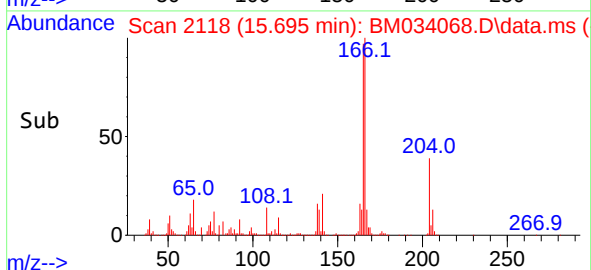
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

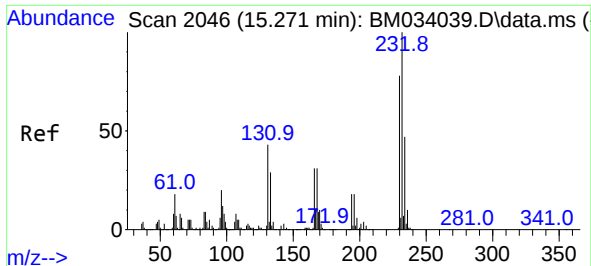


#58
Fluorene
Concen: 48.774 ng
RT: 15.695 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



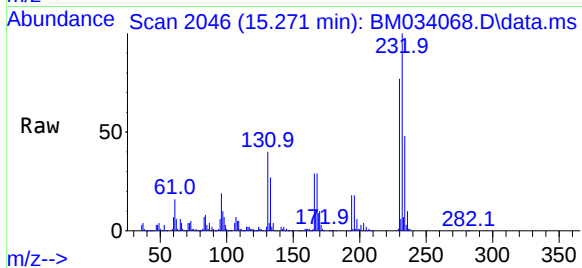
Tgt Ion:166 Resp: 1843570
Ion Ratio Lower Upper
166 100
165 96.7 78.1 117.1
167 13.4 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.846 ng
RT: 15.271 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

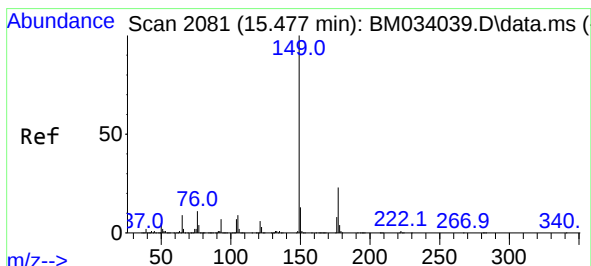
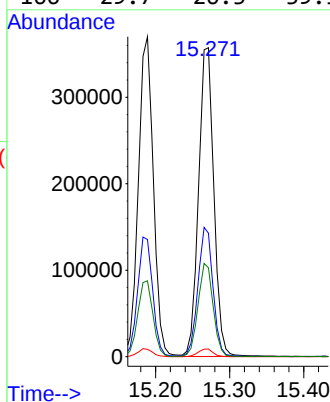
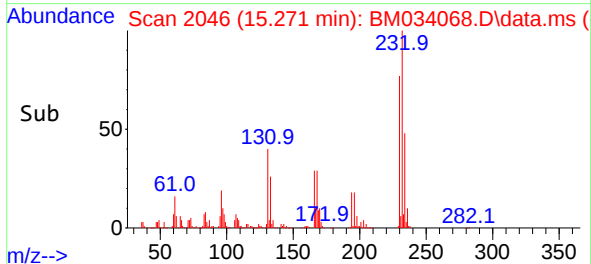
Instrument :
BNA_M
ClientSampleId :
PB142897BS



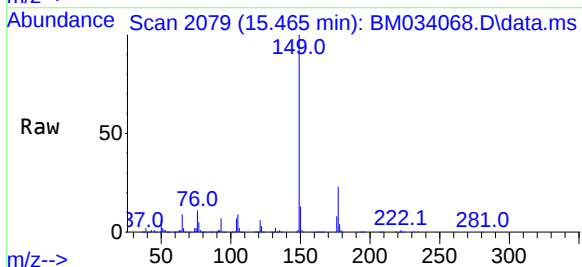
Tgt Ion:232 Resp: 51094
Ion Ratio Lower Upper
232 100
131 41.6 41.4 62.0
130 2.5 2.4 3.6
166 29.7 26.3 39.5

Manual Integrations
APPROVED

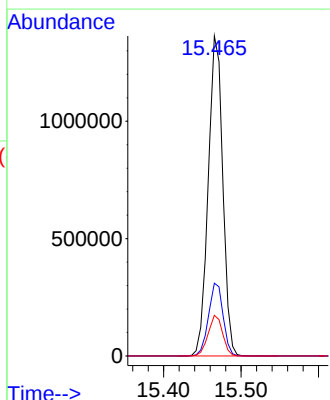
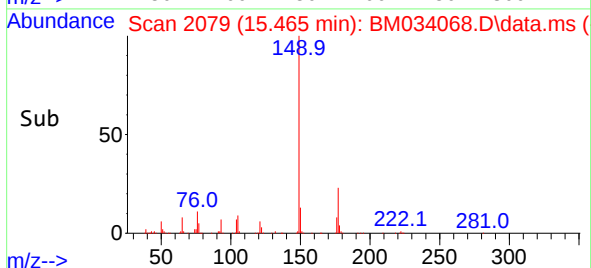
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

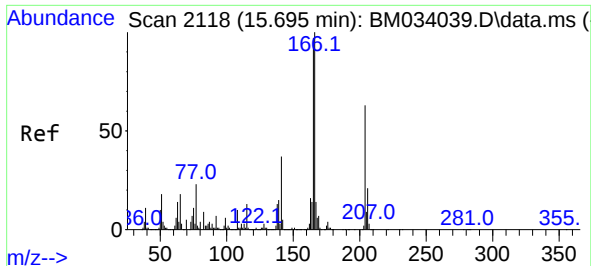


#60
Diethylphthalate
Concen: 47.122 ng
RT: 15.465 min Scan# 2079
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



Tgt Ion:149 Resp: 1779968
Ion Ratio Lower Upper
149 100
177 22.8 17.5 26.3
150 12.7 10.3 15.5





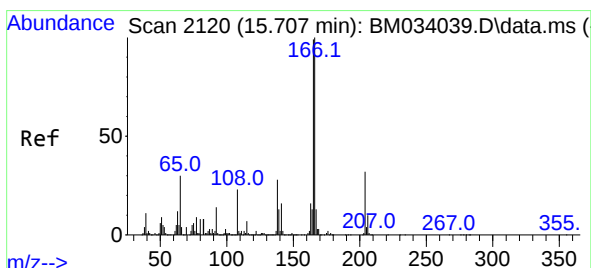
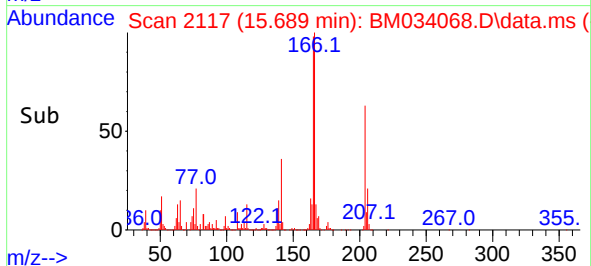
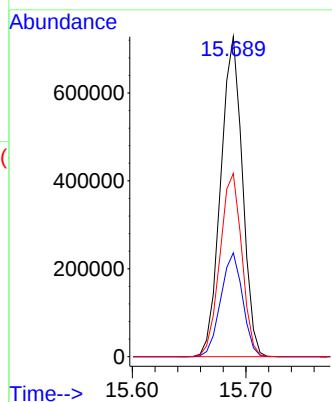
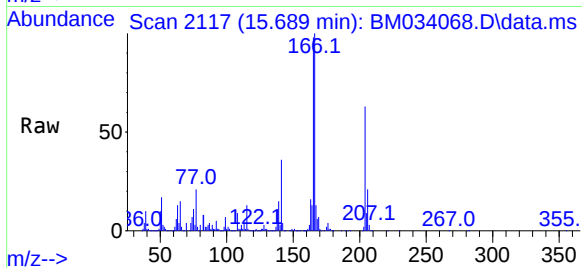
#61
4-Chlorophenyl-phenylether
Concen: 47.751 ng
RT: 15.689 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Instrument :
BNA_M
ClientSampleId :
PB142897BS

Tgt Ion:204 Resp: 96655
Ion Ratio Lower Upper
204 100
206 32.5 25.4 38.2
141 57.3 50.6 76.0

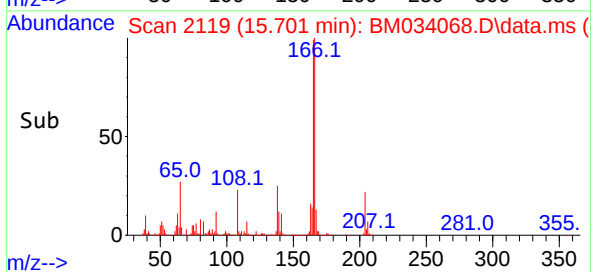
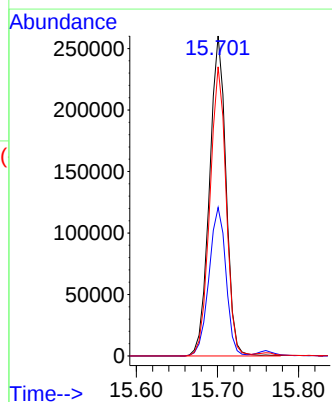
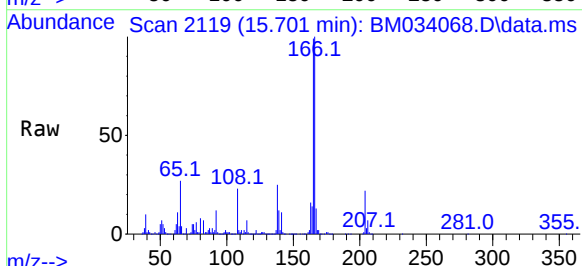
Manual Integrations
APPROVED

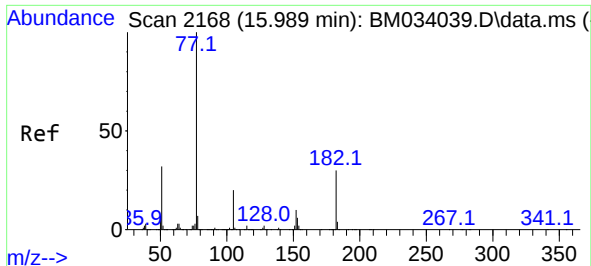
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#62
4-Nitroaniline
Concen: 47.419 ng
RT: 15.701 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

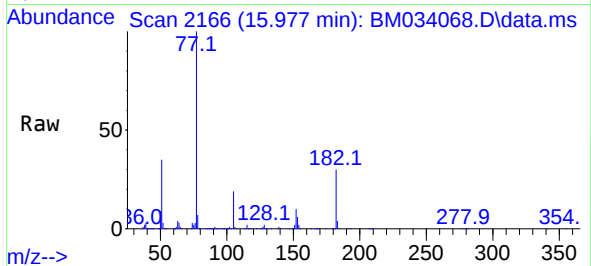
Tgt Ion:138 Resp: 367929
Ion Ratio Lower Upper
138 100
92 46.4 38.7 78.7
108 90.4 81.9 121.9





#63
Azobenzene
Concen: 45.118 ng
RT: 15.977 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

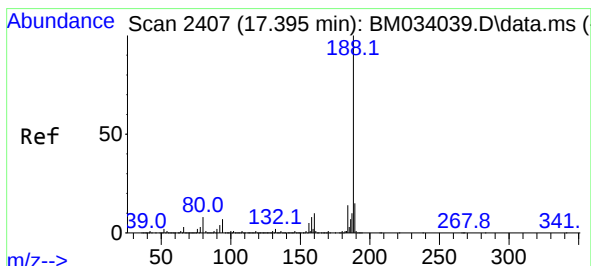
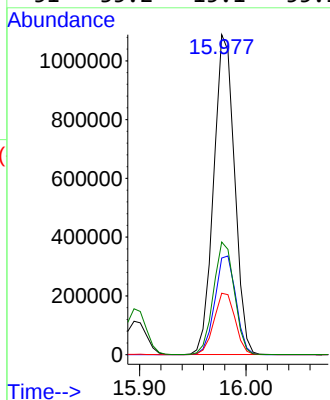
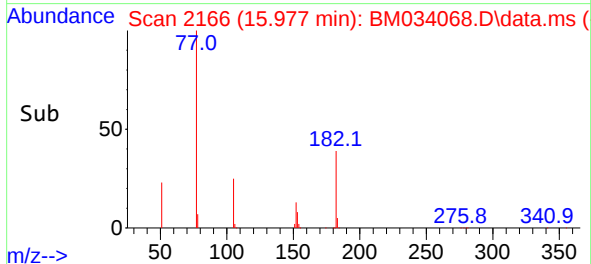
Instrument :
BNA_M
ClientSampleId :
PB142897BS



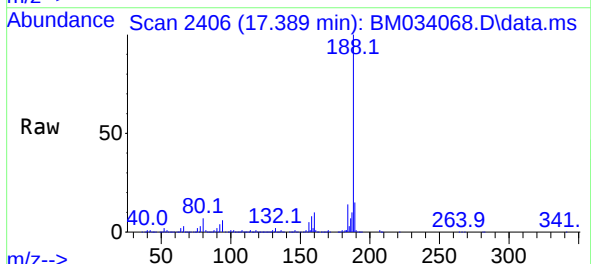
Tgt Ion: 77 Resp: 1480440
Ion Ratio Lower Upper
77 100
182 30.2 0.3 40.3
105 19.2 0.0 38.3
51 35.2 15.1 55.1

Manual Integrations
APPROVED

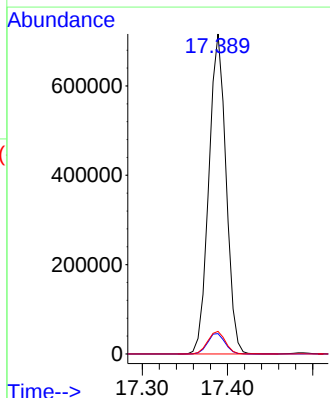
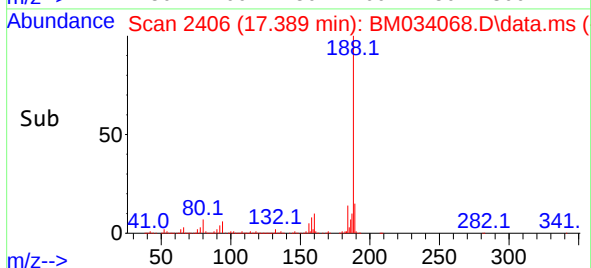
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

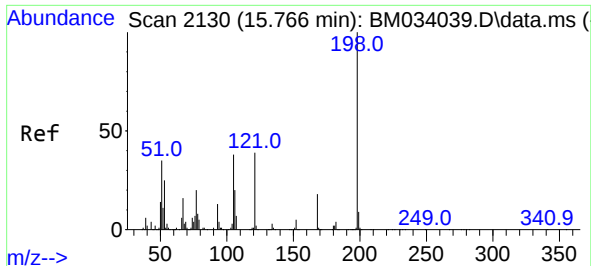


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.389 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



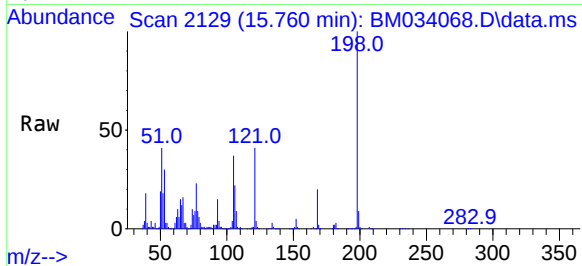
Tgt Ion:188 Resp: 1004272
Ion Ratio Lower Upper
188 100
94 6.4 7.5 11.3#
80 7.0 8.9 13.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 48.438 ng
RT: 15.760 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

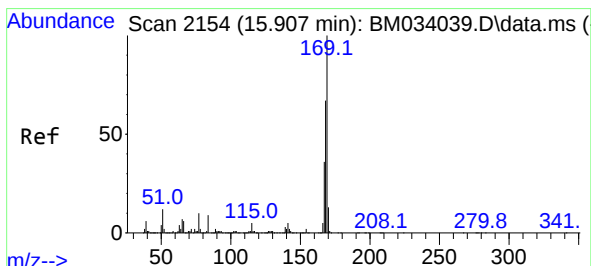
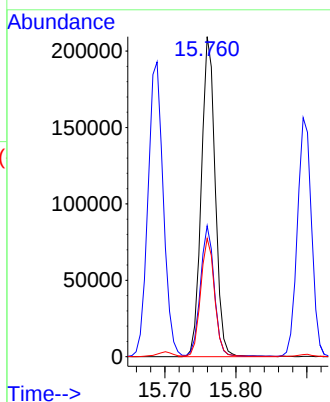
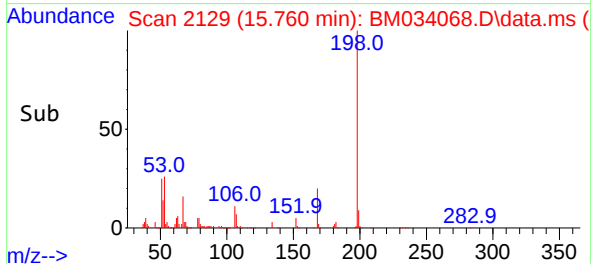
Instrument :
BNA_M
ClientSampleId :
PB142897BS



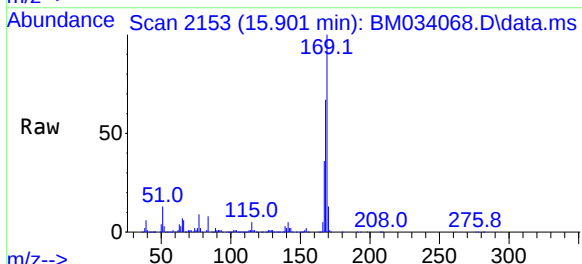
Tgt Ion:198 Resp: 285120
Ion Ratio Lower Upper
198 100
51 40.9 47.9 87.9
105 37.0 32.6 72.6

Manual Integrations
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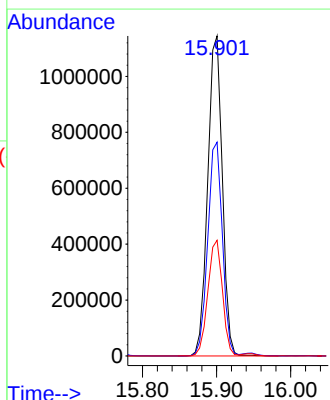
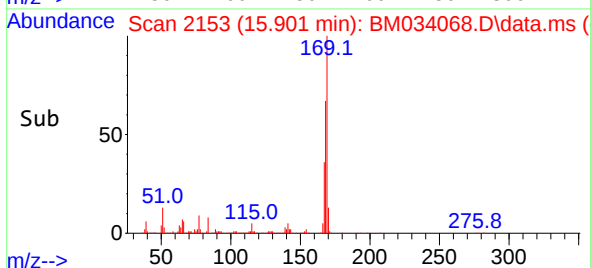
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

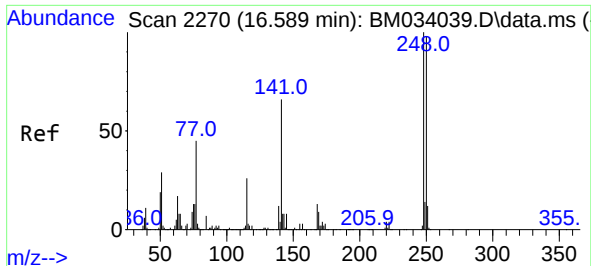


#66
n-Nitrosodiphenylamine
Concen: 49.675 ng
RT: 15.901 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



Tgt Ion:169 Resp: 1561817
Ion Ratio Lower Upper
169 100
168 66.8 52.5 78.7
167 36.1 28.4 42.6





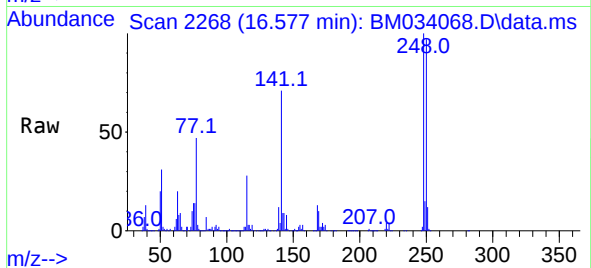
#67
4-Bromophenyl-phenylether
Concen: 51.667 ng
RT: 16.577 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Instrument :

BNA_M

ClientSampleId :

PB142897BS

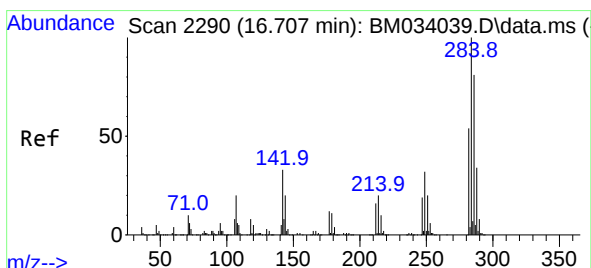
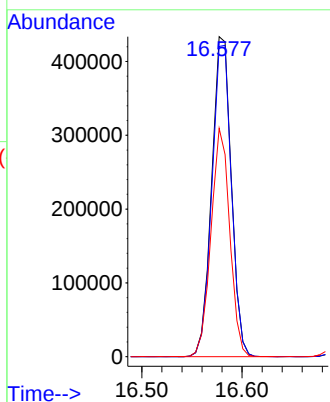
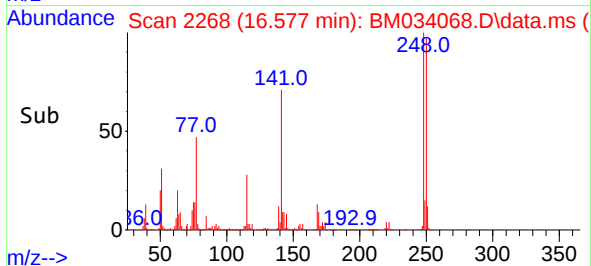


Tgt Ion:248 Resp: 586150
Ion Ratio Lower Upper
248 100
250 97.0 78.2 117.2
141 71.4 65.4 98.2

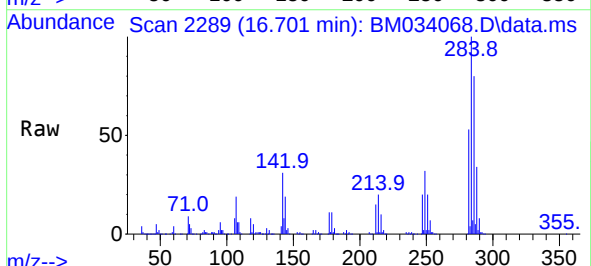
Manual Integrations

APPROVED

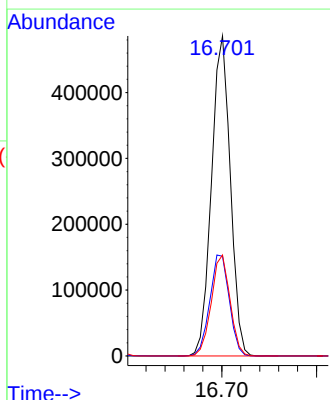
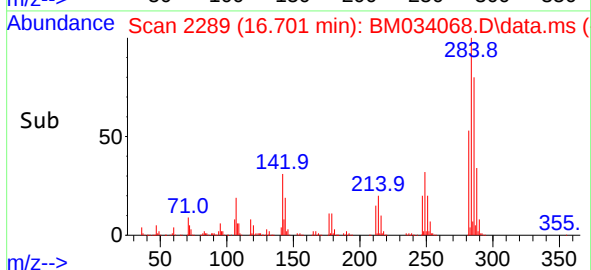
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

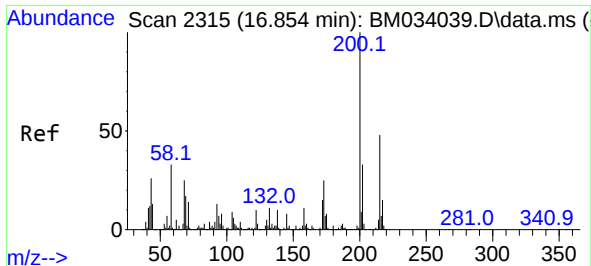


#68
Hexachlorobenzene
Concen: 51.363 ng
RT: 16.701 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



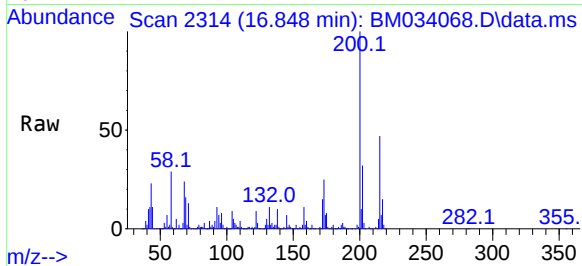
Tgt Ion:284 Resp: 671407
Ion Ratio Lower Upper
284 100
142 31.1 33.1 49.7#
249 31.5 27.3 40.9





#69
 Atrazine
 Concen: 54.640 ng
 RT: 16.848 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM034068.D
 Acq: 24 Feb 2022 15:34

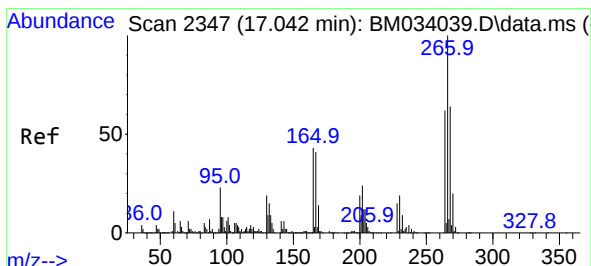
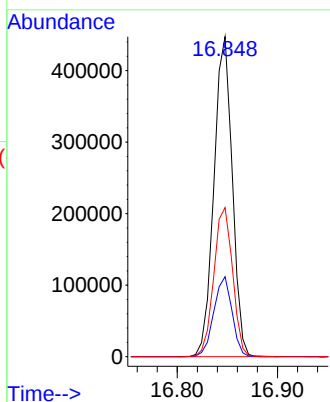
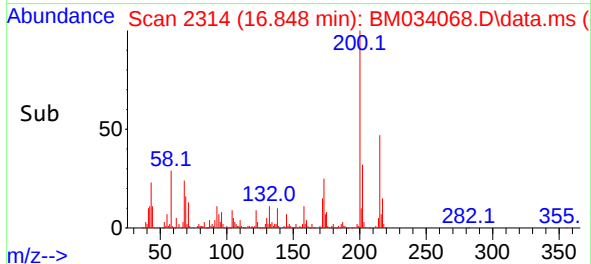
Instrument :
 BNA_M
 ClientSampleId :
 PB142897BS



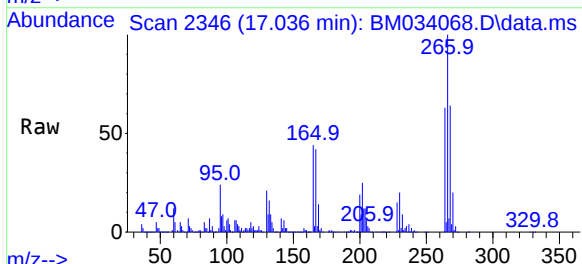
Tgt Ion:200 Resp: 568270
 Ion Ratio Lower Upper
 200 100
 173 25.0 7.3 47.3
 215 46.6 25.7 65.7

Manual Integrations
 APPROVED

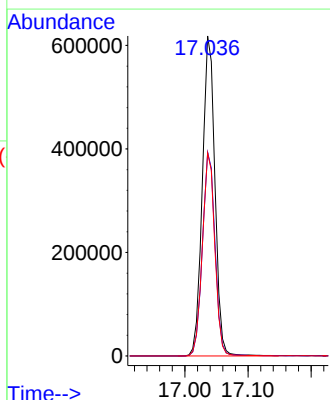
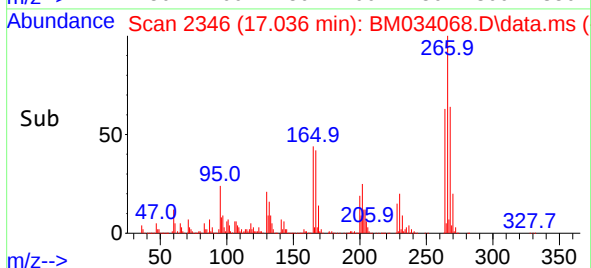
Reviewed By :Christian Giraldo 02/25/2022
 Supervised By :mohammad ahmed 02/28/2022

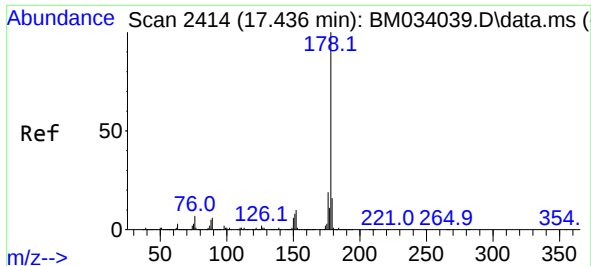


#70
 Pentachlorophenol
 Concen: 108.297 ng
 RT: 17.036 min Scan# 2346
 Delta R.T. -0.006 min
 Lab File: BM034068.D
 Acq: 24 Feb 2022 15:34



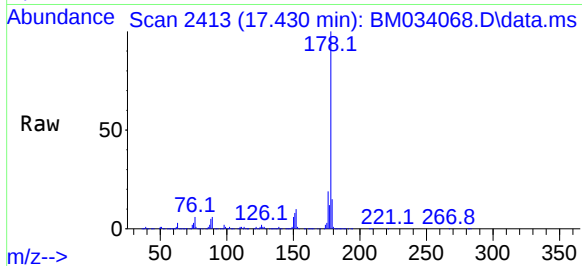
Tgt Ion:266 Resp: 855213
 Ion Ratio Lower Upper
 266 100
 268 63.6 50.1 75.1
 264 63.5 49.1 73.7





#71
Phenanthrene
Concen: 48.859 ng
RT: 17.430 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

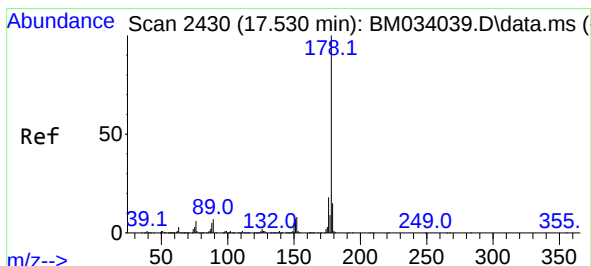
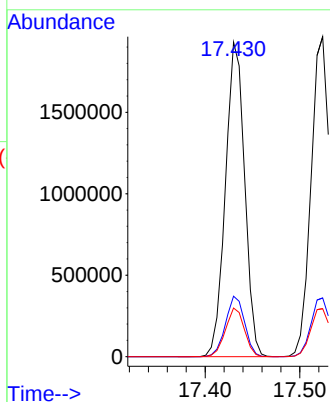
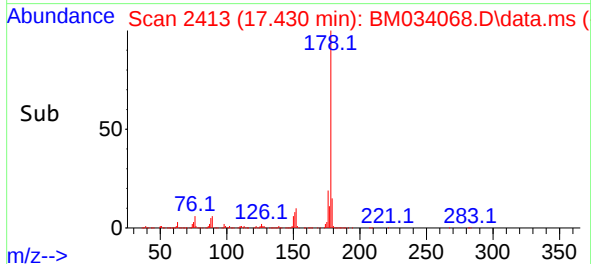
Instrument :
BNA_M
ClientSampleId :
PB142897BS



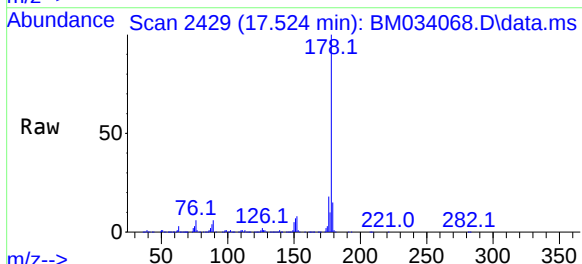
Tgt Ion:178 Resp: 2721750
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.5 12.0 18.0

Manual Integrations
APPROVED

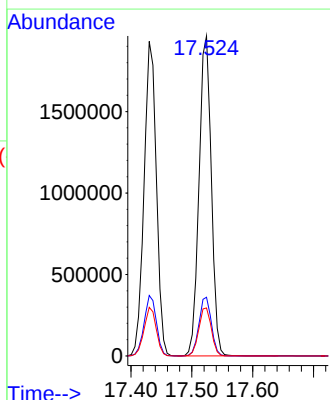
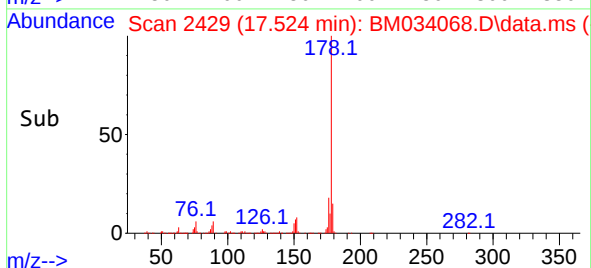
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

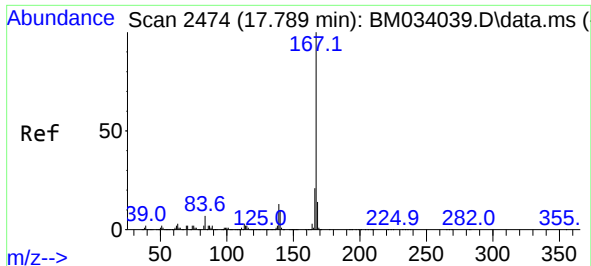


#72
Anthracene
Concen: 50.723 ng
RT: 17.524 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



Tgt Ion:178 Resp: 2749716
Ion Ratio Lower Upper
178 100
176 18.4 14.5 21.7
179 15.0 11.9 17.9





#73
Carbazole
Concen: 45.800 ng
RT: 17.783 min Scan# 2473
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Instrument :

BNA_M

ClientSampleId :

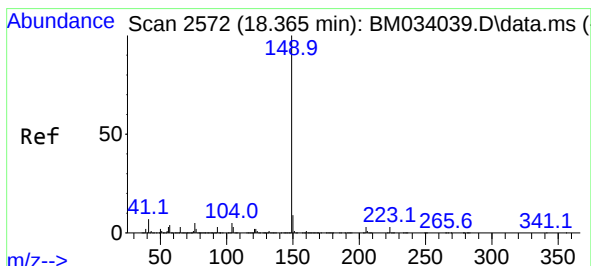
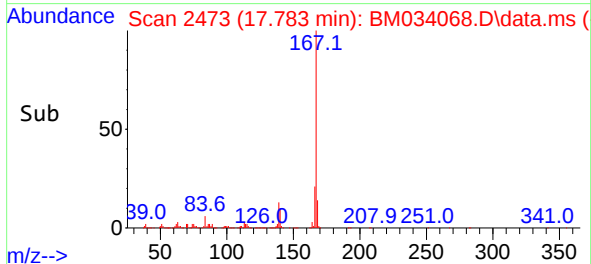
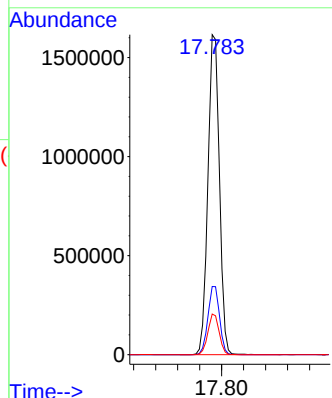
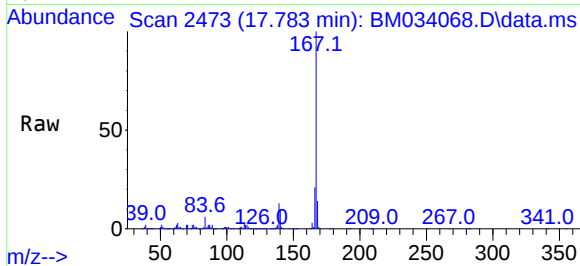
PB142897BS

Tgt Ion:167 Resp: 233780
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 12.7 11.0 16.4

Manual Integrations

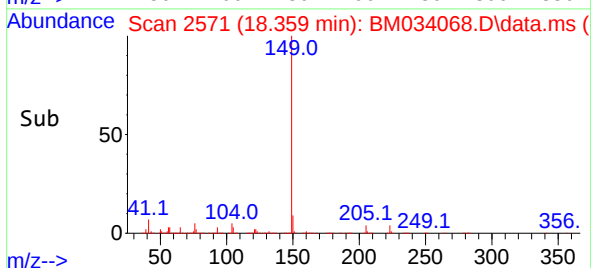
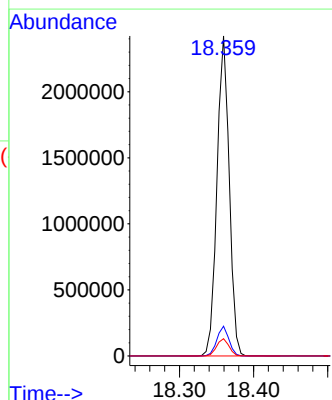
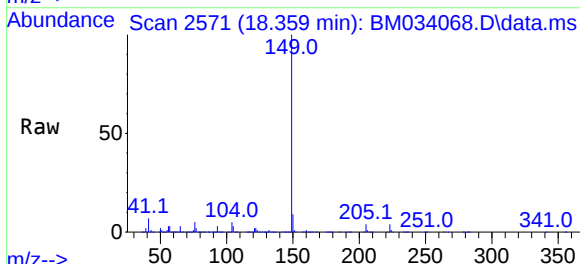
APPROVED

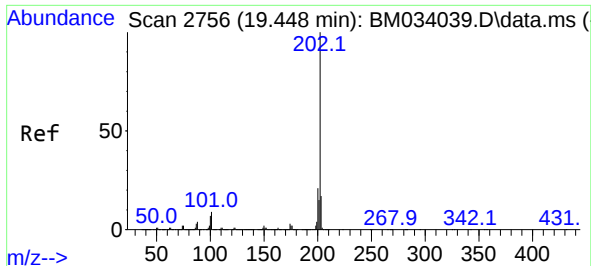
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#74
Di-n-butylphthalate
Concen: 47.650 ng
RT: 18.359 min Scan# 2571
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

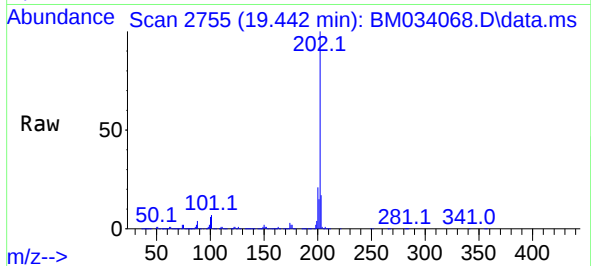
Tgt Ion:149 Resp: 2766778
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 5.4 4.6 6.8





#75
Fluoranthene
Concen: 47.707 ng
RT: 19.442 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

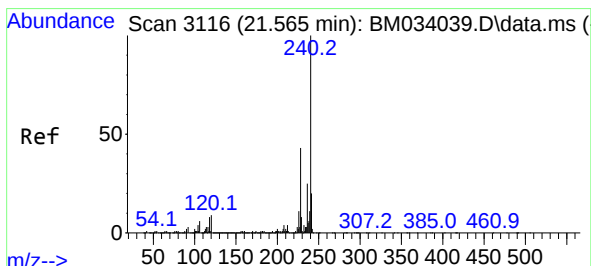
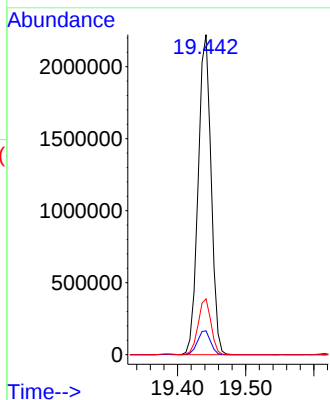
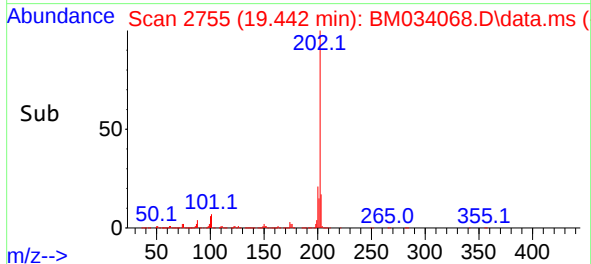
Instrument :
BNA_M
ClientSampleId :
PB142897BS



Tgt Ion:202 Resp: 2919750
Ion Ratio Lower Upper
202 100
101 7.5 0.0 30.8
203 17.5 0.0 37.2

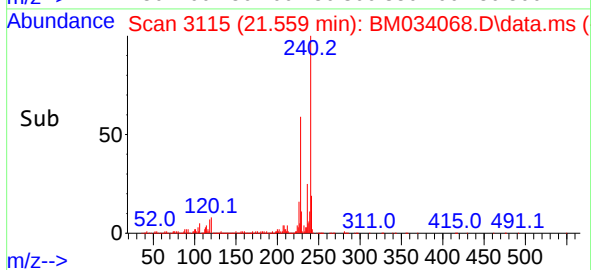
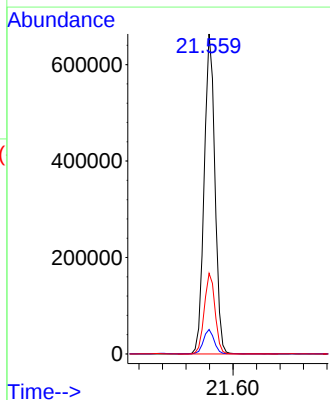
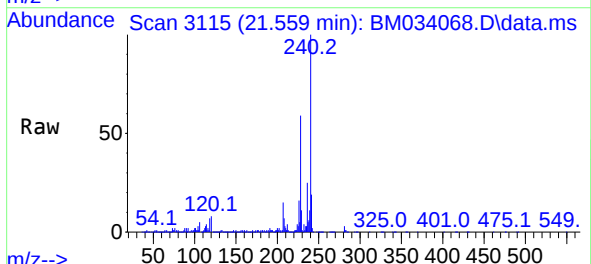
Manual Integrations
APPROVED

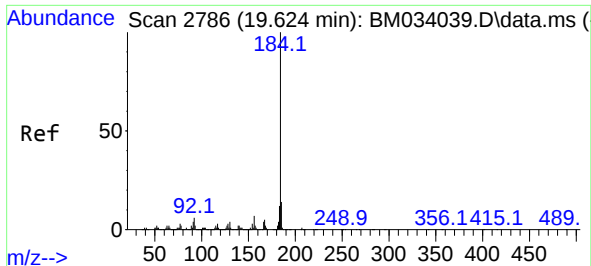
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.559 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Tgt Ion:240 Resp: 838346
Ion Ratio Lower Upper
240 100
120 7.7 7.8 11.6#
236 25.2 20.3 30.5





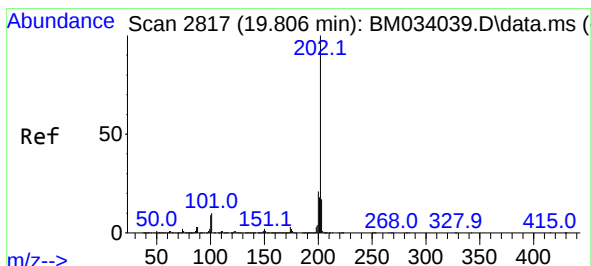
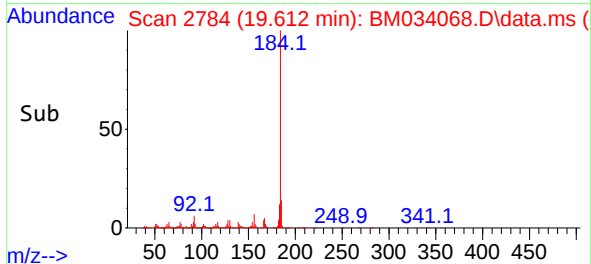
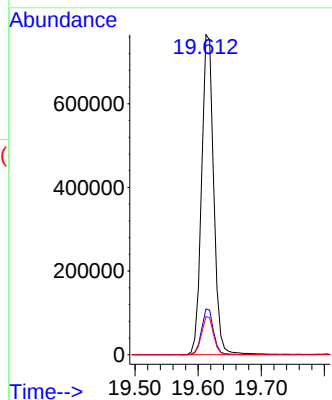
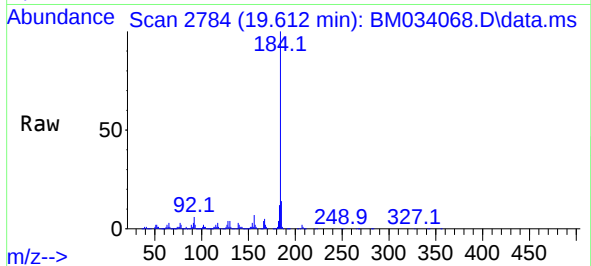
#77
Benzidine
Concen: 65.203 ng
RT: 19.612 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Instrument :
BNA_M
ClientSampleId :
PB142897BS

Tgt Ion:184 Resp: 101799
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 11.9 9.7 14.5

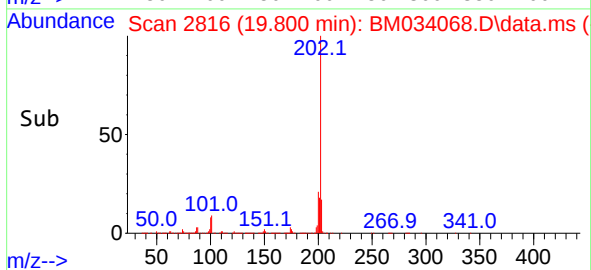
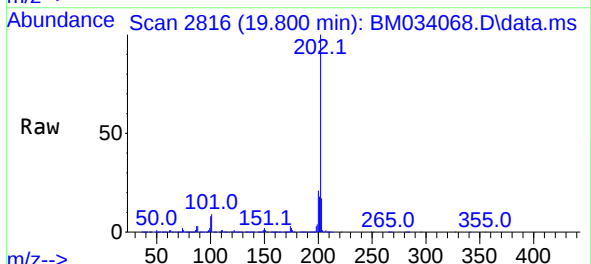
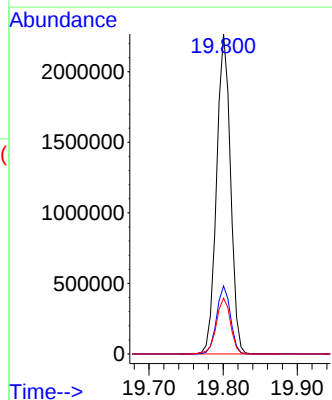
Manual Integrations
APPROVED

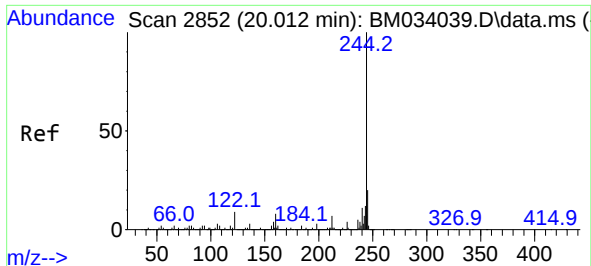
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#78
Pyrene
Concen: 51.293 ng
RT: 19.800 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Tgt Ion:202 Resp: 2953253
Ion Ratio Lower Upper
202 100
200 21.2 16.4 24.6
203 17.5 13.5 20.3





#79
Terphenyl-d14
Concen: 98.640 ng
RT: 20.006 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Instrument :

BNA_M

ClientSampleId :

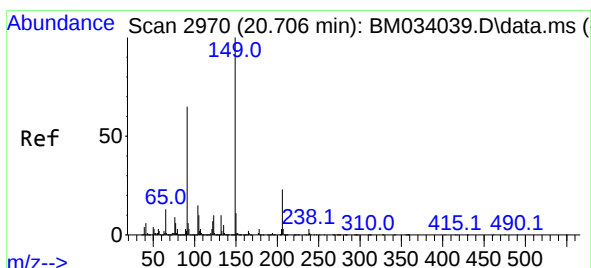
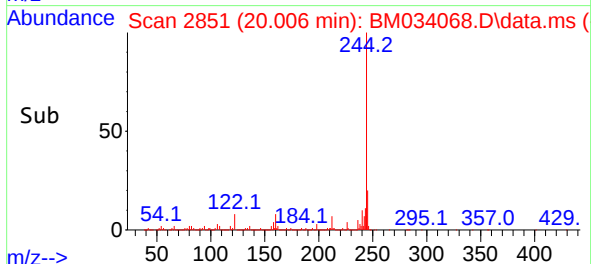
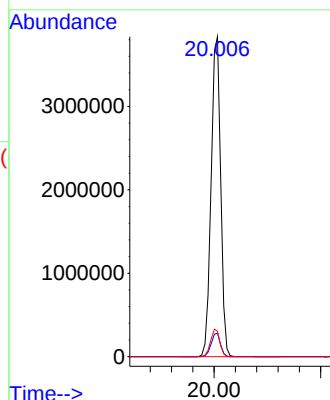
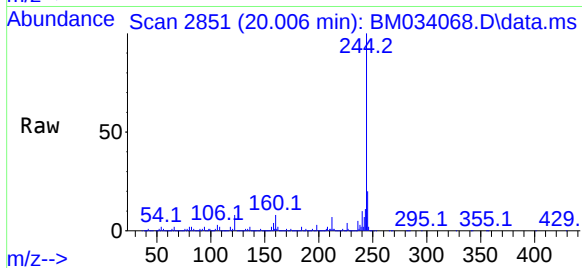
PB142897BS

Tgt Ion:244 Resp: 4748889
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 7.9 8.4 12.6

Manual Integrations

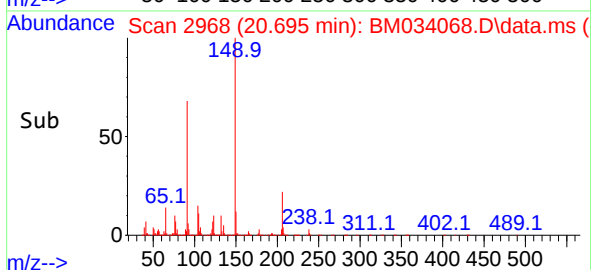
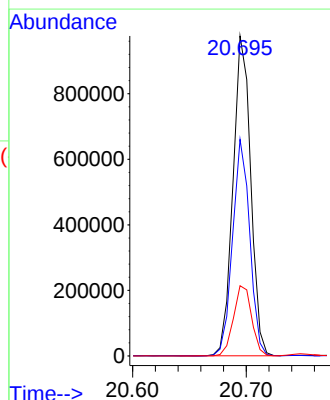
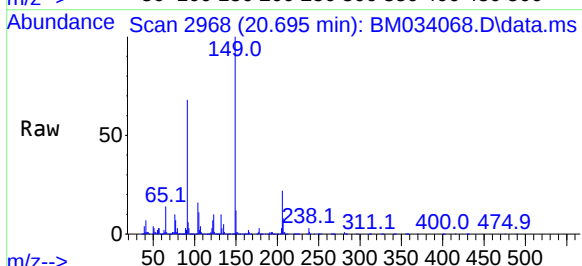
APPROVED

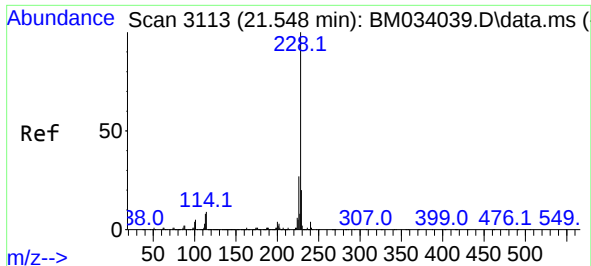
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#80
Butylbenzylphthalate
Concen: 48.189 ng
RT: 20.695 min Scan# 2968
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Tgt Ion:149 Resp: 1056529
Ion Ratio Lower Upper
149 100
91 67.7 63.4 95.0
206 21.9 16.8 25.2





#81
Benzo(a)anthracene
Concen: 48.413 ng
RT: 21.542 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Instrument :

BNA_M

ClientSampleId :

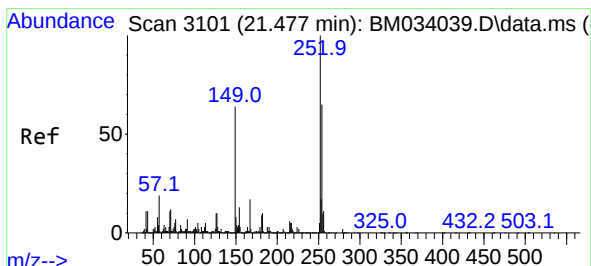
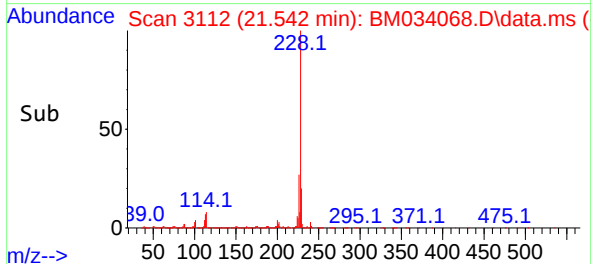
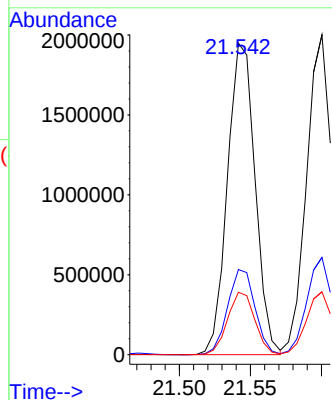
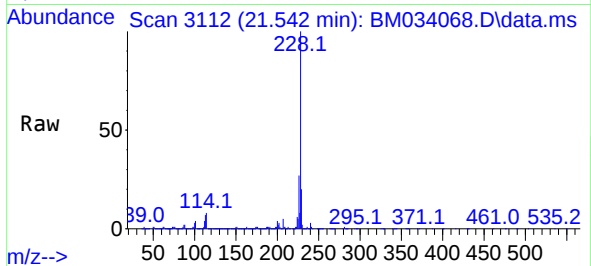
PB142897BS

Tgt Ion:228 Resp: 264081
Ion Ratio Lower Upper
228 100
226 27.3 21.0 31.6
229 20.0 15.5 23.3

Manual Integrations

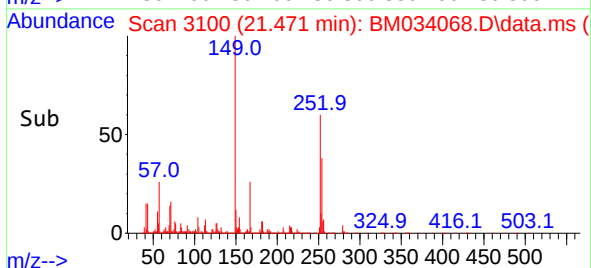
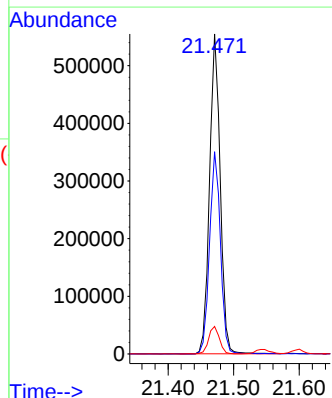
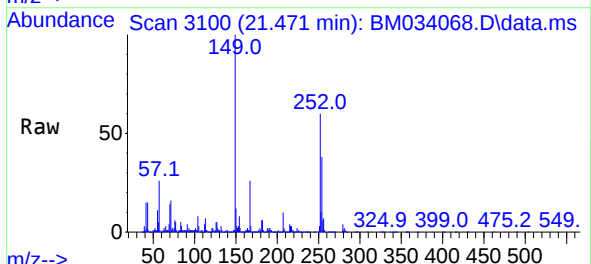
APPROVED

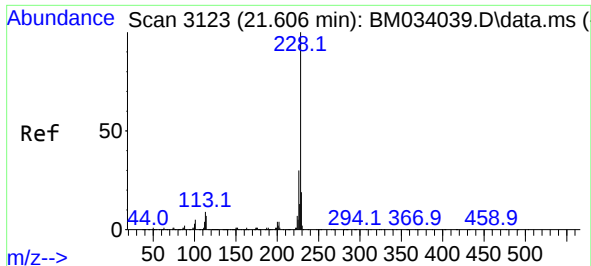
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#82
3,3'-Dichlorobenzidine
Concen: 34.114 ng
RT: 21.471 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

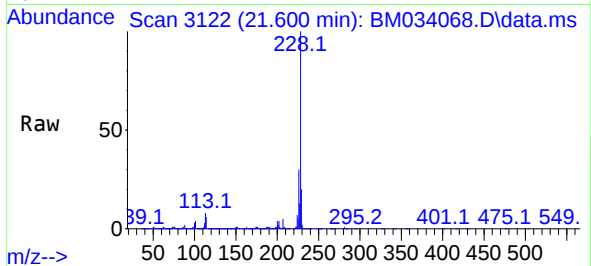
Tgt Ion:252 Resp: 628457
Ion Ratio Lower Upper
252 100
254 63.2 50.9 76.3
126 8.6 8.8 13.2





#83
Chrysene
Concen: 48.046 ng
RT: 21.600 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

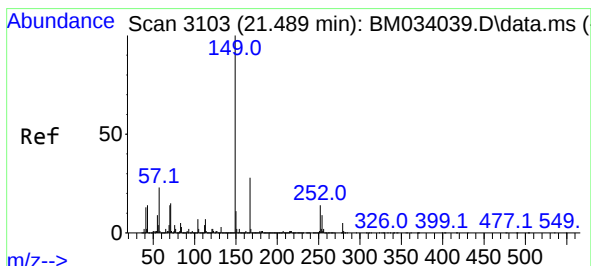
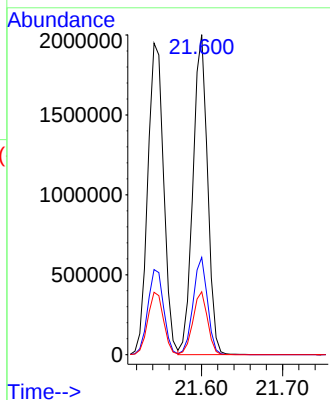
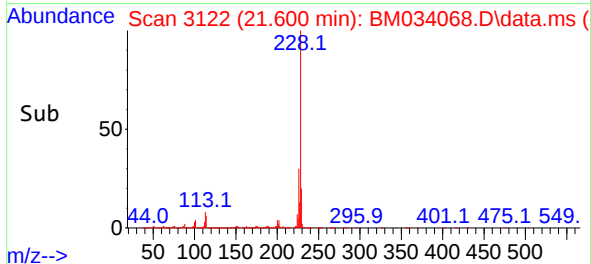
Instrument :
BNA_M
ClientSampleId :
PB142897BS



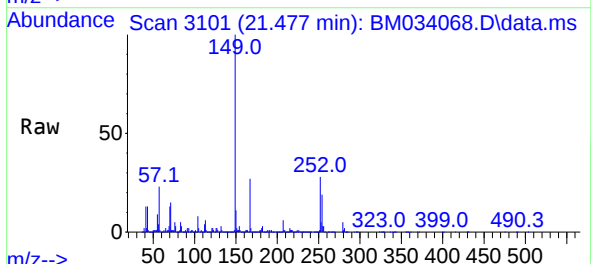
Tgt Ion:228 Resp: 250349
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.8
229 19.7 15.8 23.8

Manual Integrations
APPROVED

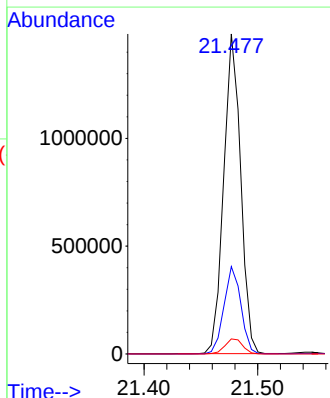
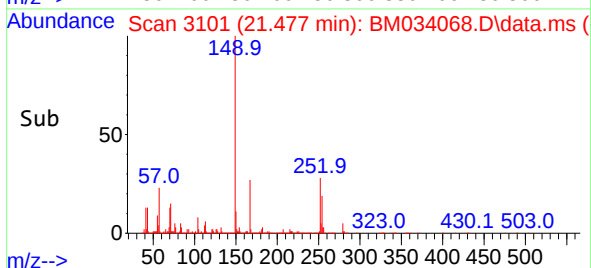
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

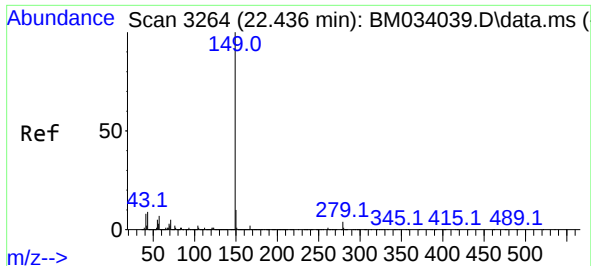


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.992 ng
RT: 21.477 min Scan# 3101
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



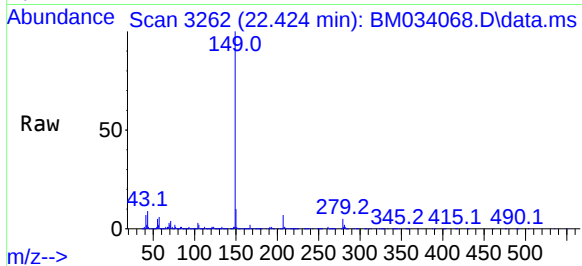
Tgt Ion:149 Resp: 1540377
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.0
279 4.7 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 44.690 ng
RT: 22.424 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

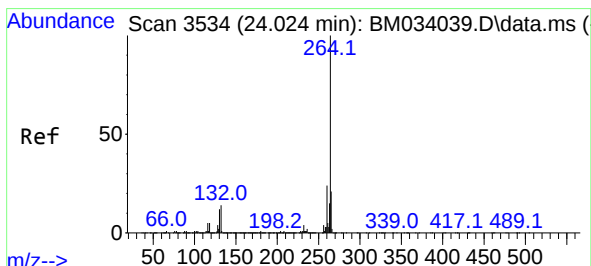
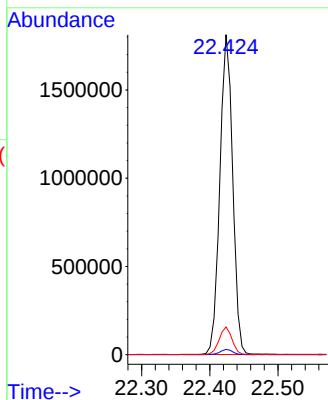
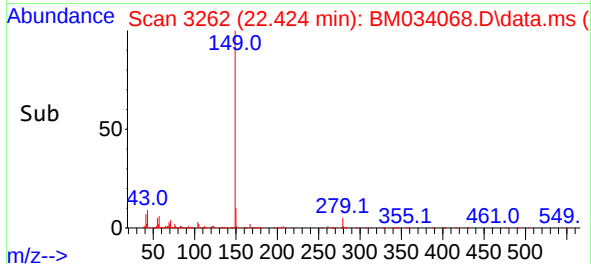
Instrument :
BNA_M
ClientSampleId :
PB142897BS



Tgt Ion:149 Resp: 237227
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 10.4 15.6

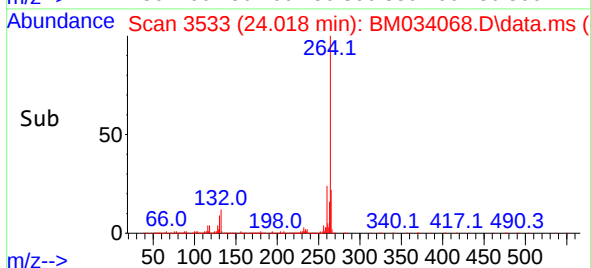
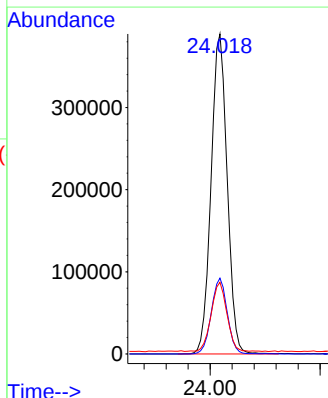
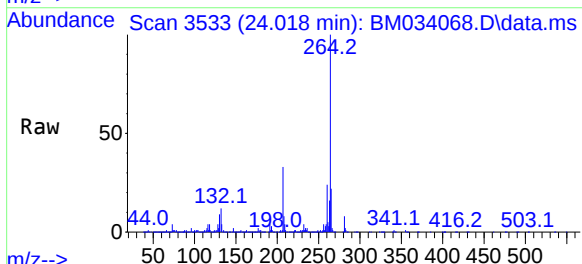
Manual Integrations
APPROVED

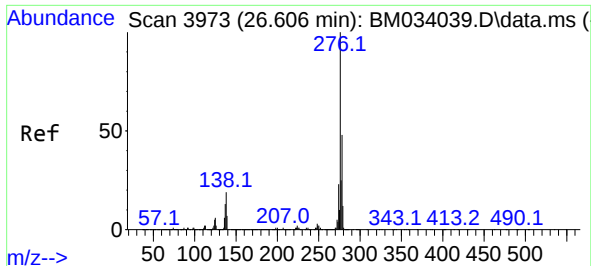
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.018 min Scan# 3533
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Tgt Ion:264 Resp: 792579
Ion Ratio Lower Upper
264 100
260 23.7 17.7 26.5
265 22.4 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.055 ng
RT: 26.594 min Scan# 3406
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Instrument :

BNA_M

ClientSampleId :

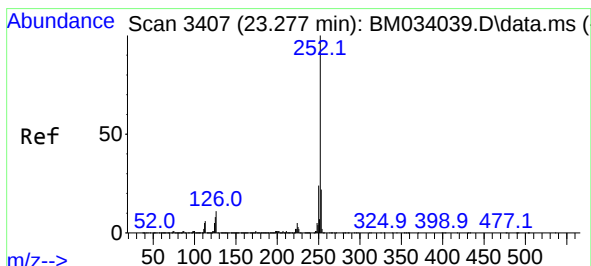
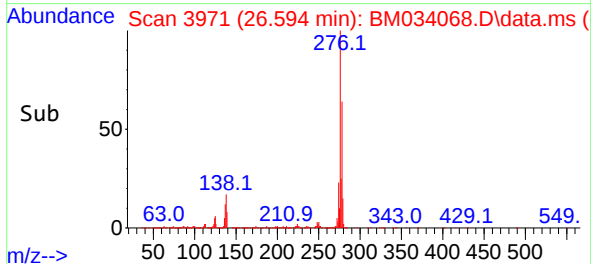
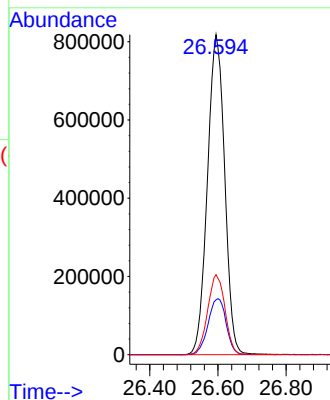
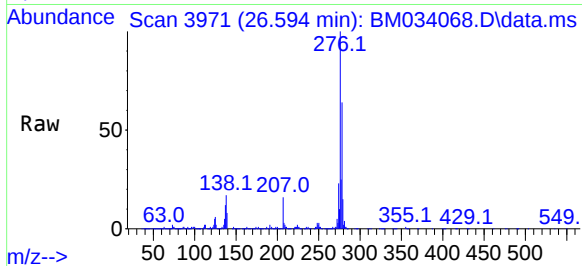
PB142897BS

Tgt Ion:276 Resp: 2876878
Ion Ratio Lower Upper
276 100
138 18.4 18.7 28.1
277 25.2 20.2 30.4

Manual Integrations

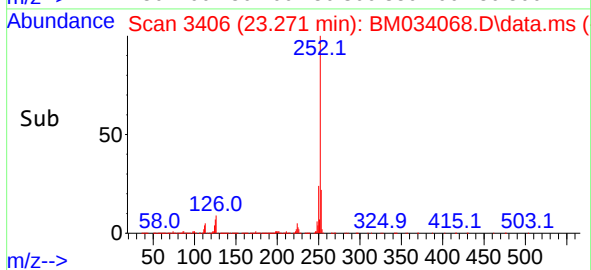
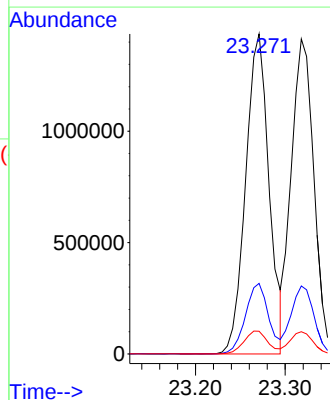
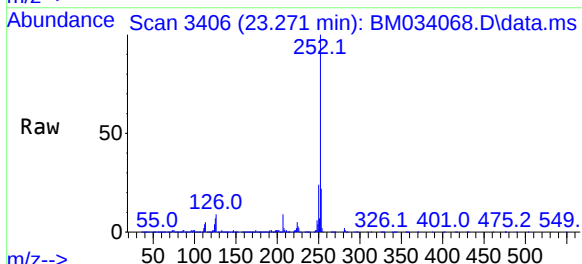
APPROVED

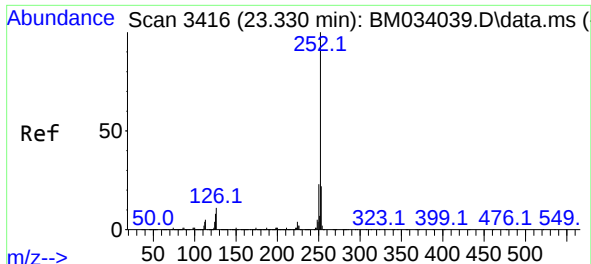
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#88
Benzo(b)fluoranthene
Concen: 52.328 ng
RT: 23.271 min Scan# 3406
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Tgt Ion:252 Resp: 2599089
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 7.1 7.4 11.2#





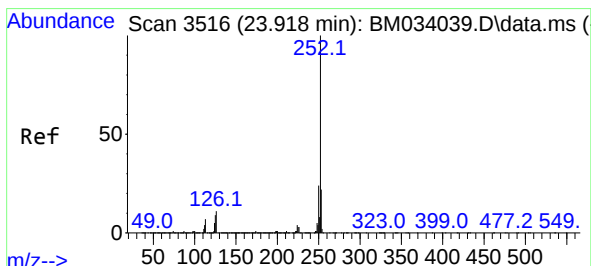
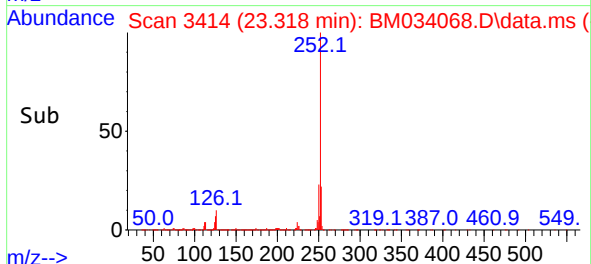
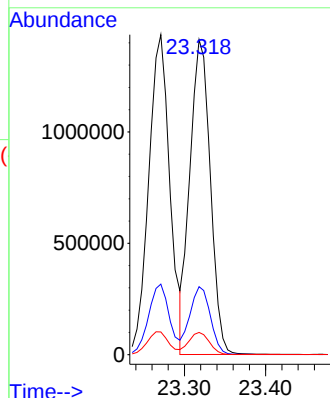
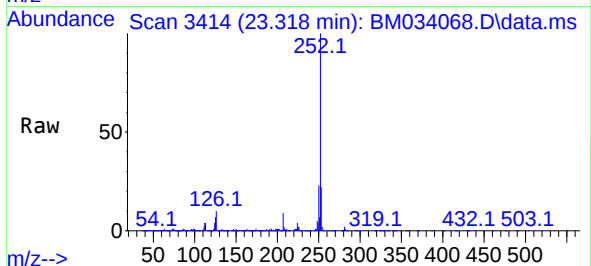
#89
Benzo(k)fluoranthene
Concen: 49.907 ng
RT: 23.318 min Scan# 3416
Delta R.T. -0.012 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

Instrument :
BNA_M
ClientSampleId :
PB142897BS

Tgt Ion:252 Resp: 2472838
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 7.1 8.1 12.1

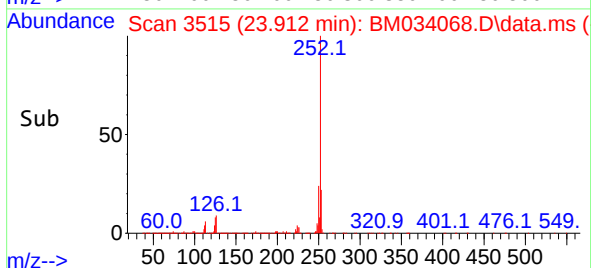
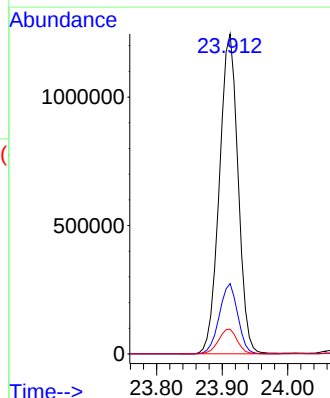
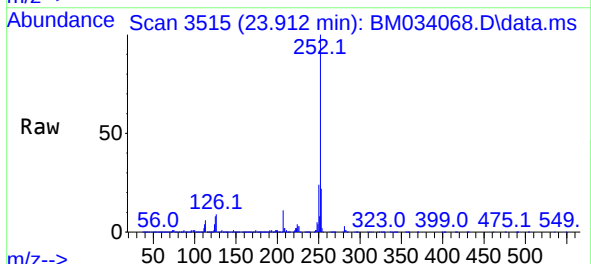
Manual Integrations
APPROVED

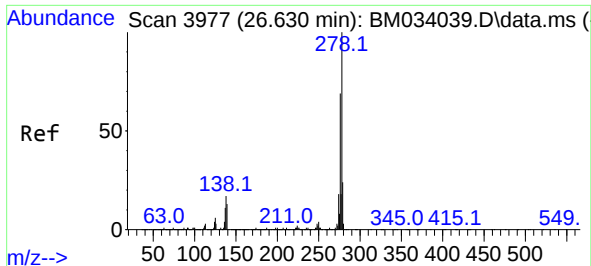
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#90
Benzo(a)pyrene
Concen: 60.196 ng
RT: 23.912 min Scan# 3515
Delta R.T. -0.006 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

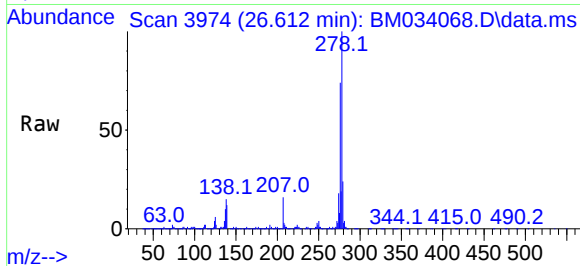
Tgt Ion:252 Resp: 2456898
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 7.8 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 52.699 ng
RT: 26.612 min Scan# 3977
Delta R.T. -0.018 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34

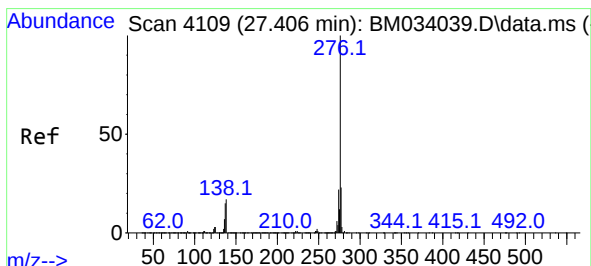
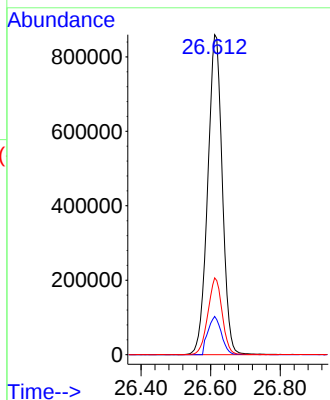
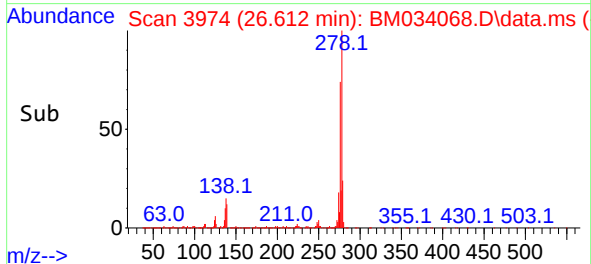
Instrument :
BNA_M
ClientSampleId :
PB142897BS



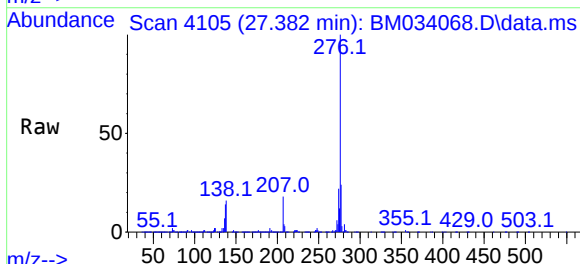
Tgt Ion:278 Resp: 2497394
Ion Ratio Lower Upper
278 100
139 11.9 10.9 16.3
279 24.0 17.7 26.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#92
Benzo(g,h,i)perylene
Concen: 53.746 ng
RT: 27.382 min Scan# 4105
Delta R.T. -0.024 min
Lab File: BM034068.D
Acq: 24 Feb 2022 15:34



Tgt Ion:276 Resp: 2467393
Ion Ratio Lower Upper
276 100
277 24.2 19.1 28.7
138 15.7 14.8 22.2

